20030815.qrp v03_n013.qrl.20030815

Date: Fri, 15 Aug 2003 19:03:12 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3013

QRP-L Digest 3013

Topics covered in this issue include:

  1) [156264] Re: Wilderness Radio?
     by "K.C. Alewine" <kca@cfu.net>
  2) [156265] Re: Major Solar Flare
     by "Dave Sjolin" <sjolin@swbell.net>
  3) [156266] Re: Major Solar Flare
     by "John Sielke" <jsielke@pobox.com>
  4) [156267] Re: Major Solar Flare
     by "Chris Trask" <christrask@earthlink.net>
  5) [156268] Re: Major Solar Flare
     by Richard Lim <richlim11@yahoo.com>
  6) [156269] Re: Wilderness Radio?
     by Nelson Winter <thenels@go.com>
  7) [156270] Re: Major Solar Flare
     by "Mike Yetsko" <myetsko@insydesw.com>
  8) [156271] Re: Emergency comms by hams now given new international standing by
 WARC & BPL
     by bob evinger <wd9eka@evinger.com>
  9) [156272] Re: AOL 8.0 and HTML
     by "Doc - W5TB" <w5tb@arrl.net>
 10) [156273] Re: Major Solar Flare
     by Cosy MUTO <jh5esm@hotmail.com>
 11) [156274] Re: Major Solar Flare
     by "Rod N0RC" <rod@n0rc.us>
 12) [156275] Re: Major Solar Flare
     by "Chris Trask" <christrask@earthlink.net>
 13) [156276] Re: Major Solar Flare
     by "Chris Trask" <christrask@earthlink.net>
 14) [156277] [Contest] N2CQ QRP Contest Calendar - Aug 16/31
     by "Ken Newman" <n2cq@comcast.net>
 15) [156278] Re: Emergency comms by hams now given new international standing by
WARC & BPL
     by "Stuart Rohre" <rohre@arlut.utexas.edu>
 16) [156279] Re: OT: Massive Northeast US/Southeast Canada Power Outage
     by Tom Sevart <n2uhc@yahoo.com>
 17) [156280] Re: Major Solar Flare
     by "Mike Yetsko" <myetsko@insydesw.com>
 18) [156281] Re: Major Solar Flare

    by "Mike Yetsko" <myetsko@insydesw.com>
19) [156282] Plain text test pse.
    by "Thomas Lewis" <thomas_h_lewis@msn.com>
20) [156283] It's all BPL's Fault!
    by "Trevor Jacobs" <kg6cyn@softhome.net>
21) [156284] Re: Major Solar Flare
    by "Dave Sjolin" <sjolin@swbell.net>
22) [156285] The secret lives of electrolytics
    by "Nick Kennedy" <nkennedy@tcainternet.com>
23) [156286] Flight of the Bumblebees - Results
    by "John Huffman" <hjohnc@core.com>
24) [156287] Ge Diodes 1N1499
    by Chuck Adams <k7qo@commspeed.net>
25) [156288] Re: AOL 8.0 and HTML
    by Ke9v@aol.com
26) [156289] Re: It's all BPL's Fault!
    by Thom LaCosta <baltimoremd@baltimoremd.com>
27) [156290] Re: Squegging PA
    by Tim Groat <tcgroat@earthlink.net>
28) [156291] Re: The secret lives of electrolytics
    by Ed Tanton <n4xy@earthlink.net>
29) [156292] Re: Major Solar Flare
    by M Taylor <mctylr@privacy.nb.ca>
30) [156293] N.E. Power Outage and Lightning
    by wkhibbert@juno.com
31) [156294] Re: Wilderness Radio?
    by KD5NWA <KD5NWA@cbayona.com>
32) [156295] Re: Major Solar Flare
    by K7VO <k7vo@earthlink.net>
33) [156296] Re: Items sold, still available
    by K7VO <k7vo@earthlink.net>
34) [156297] Re: Emergency comms by hams now given new international
 standing by WARC & BPL
    by KD5NWA <KD5NWA@cbayona.com>
35) [156298] HOMEBREWER starting to arrive in mail
    by "George Heron N2APB" <n2apb@erols.com>
36) [156299] Re: OT: Massive Northeast US/Southeast Canada Power Outage
    by <n2go@arrl.net>
37) [156300] Filing BPL Comments with the FCC
    by Richard Clem <clem.law@usa.net>
38) [156301] Re: Model airplane spans Atlantic!!!
    by "Dave Ek" <ekdave@earthlink.net>
39) [156302] Re: Major Solar Flare
    by "DTX" <dtx@wood.tzo.com>
40) [156303] Solar Flare Alerts/IPS Geo Warnings
    by Ken Brown <hfbeacons@juno.com>
41) [156304] FS: FT-817, HL-50B HF/6m amp, Z11 tuner
    by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>

42) [156305] Re: Filing BPL Comments with the FCC
    by "Jerry" <jerryaa@fbx.com>
43) [156306] Re: It's all BPL's Fault!
    by Bill Owens <bill@owensfamily.org>
44) [156307] It's so obvious....
    by Alex <kr1st@amsat.org>
45) [156308] Fw: FS: TS 570D/G
    by WAYNE SMITH <k8ff@juno.com>
46) [156309] Re: THE ANTENNA IS COMING DOWN
    by Alex <kr1st@amsat.org>
47) [156310] Re: Filing BPL Comments with the FCC
    by Joe Martin <km5cw@arrl.net>
48) [156311] NA5N
    by Lee Mairs <lmairs@direcway.com>
49) [156312] BPL comments to FCC
    by "Russ Hines" <wb8zcc@fuse.net>
50) [156313] Re: Major Solar Flare NOT!
    by "Mike Yetsko" <myetsko@insydesw.com>
51) [156314] Re: It's so obvious....noise checking- long
    by William R Colbert <w5xe@juno.com>
52) [156315] Re: It's so obvious....noise checking- long
    by "Frank Emens" <femens@hiwaay.net>
53) [156316] Re: OT: Massive Northeast US/Southeast Canada Power Outage
    by "Howard Kraus" <K2UD@adelphia.net>
54) [156317] Re: [156229] Wilderness Radio?
    by Marten T Beels <martentb@goshen.edu>
55) [156318] Wilderness Radio
    by "Gene Sailsbury" <gsailsbury@mobil1.net>
56) [156319] Re: [156229] Wilderness Radio?
    by Jimmy Lee <jrlaudio@bellsouth.net>
57) [156320] Re: Wilderness Radio
    by Jim Crooke <crooke@crooke.us>
58) [156321] 30 meters summary
    by Mike Cummings <mook@annihilator.net>
59) [156322] Re: 30 meters summary
    by Jeremy Cowgar <jc@cowgar.com>
60) [156323] Re: 30 meters summary
    by Jeremy Cowgar <jc@cowgar.com>
61) [156324] QRP Quarterly?
    by Al Scanandoah <k2zn@rochester.rr.com>
62) [156325] RE: QRP Quarterly?
    by Mark Schoonover <schoon@amgt.com>
63) [156326] Re: Filing BPL Comments with the FCC
    by K7VO <k7vo@earthlink.net>
64) [156327] Re: QRP Quarterly?
    by K7VO <k7vo@earthlink.net>
65) [156328] Re: Major Solar Flare NOT!
    by "John Sielke" <jsielke@pobox.com>

 66) [156329] Wrap Up on Austin TX Summerfest QRP Forum, the door prize kit winners of other club donations
     by "Stuart Rohre" <rohre@arlut.utexas.edu>
 67) [156330] Re: QRP Quarterly
     by ed miller <millered@magnet.fsu.edu>
 68) [156331] Re: QRP Quarterly?
     by Dale Botkin <dale@botkin.org>
 69) [156332] Re: QRP Quarterly?
     by "Trevor Jacobs" <kg6cyn@softhome.net>
 70) [156333] Re: QRP Quarterly?
     by Chuck Carpenter <w5usj@9plus.net>
 71) [156334] Re: QRP Quarterly?
     by Dan Harriman <kc5gxl@ih2000.net>
 72) [156335] Re: [GQRP] Angies Minature keys.
     by George Gingell <k3tks@u1.abs.net>
 73) [156336] Re: Major Solar Flare NOT!
     by "Timothy-Allen Albertson-KG6IRH" <kg6irh@pacbell.net>
 74) [156337] Re: It's all BPL's Fault!
     by "Al AE2T" <ae2t@arrl.net>
 75) [156338] BPL- Article in PC World
     by "Al AE2T" <ae2t@arrl.net>
 76) [156339] Re: Major Solar Flare NOT!
     by Tom Sevart <n2uhc@yahoo.com>
 77) [156340] ILLW 2003 WB3AAL
     by "Ron Polityka" <wb3aal@verizon.net>
 78) [156341] Re: Major Solar Flare
     by Larry Cahoon <lejek@erols.com>
 79) [156342] DDS/PIC Chip/SigGen
     by Jeremy Cowgar <jc@cowgar.com>
 80) [156343] Re: QRP Quarterly?
     by Al Scanandoah <k2zn@rochester.rr.com>
 81) [156344] Shortages Other Than Electricity
     by "Chris Trask" <christrask@earthlink.net>
 82) [156345] Re: Major Solar Flare
     by "Chris Trask" <christrask@earthlink.net>
 83) [156346] SUSE cd's
     by Joe Martin <km5cw@arrl.net>
 84) [156347] Re: [155905] Experimenters DDS Signal Gen (Parts order buddies sought)
    (kinda long)
     by John Farnsworth <jfarnsworth@direcway.com>
 85) [156348] U-Bolts
     by Vin Santis <vsantis@earthlink.net>
 86) [156349] Homebrewer magazine
     by Rick McKee <kc8aon@juno.com>
 87) [156350] Re: Homebrewer magazine
     by "Lawrence Makoski" <Makos327@worldnet.att.net>
 88) [156351] RE: U-Bolts

    by "Bob & Janet" <jbcraft@adelphia.net>
 89) [156352] Re: DDS experimenter's kit
    by James R Giammanco <n5ib@juno.com>
 90) [156353] SUSE 8.2 CD's update
    by Joe Martin <km5cw@arrl.net>

Date: Thu, 14 Aug 2003 17:58:07 -0500
From: "K.C. Alewine" <kca@cfu.net>
To: <qrp-l@Lehigh.EDU>
Subject: [156264] Re: Wilderness Radio?
Message-ID: <000b01c362b7$871603d0$0300a8c0@Laptop>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to everyone for the info on Wilderness Radio. Apparantly Bob is still
in the process of getting himself moved to Missouri, so that explains why
he's hard to find. I'll keep on trying.

73,
KC W0VP

Date: Thu, 14 Aug 2003 18:13:37 -0500
From: "Dave Sjolin" <sjolin@swbell.net>
To: "Chris Trask" <christrask@earthlink.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156265] Re: Major Solar Flare
Message-ID: <048e01c362b9$b21617d0$78d1fea9@DaveSjolin>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

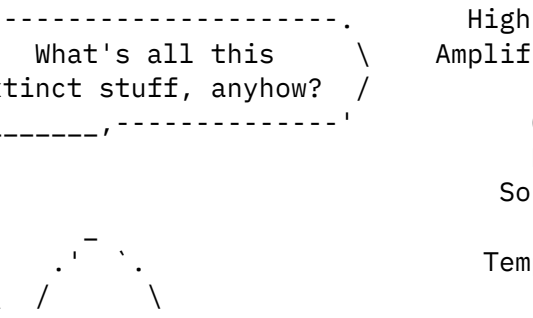
I dont think its true. I checked Space Weather and several other sources and
the only flare was a very small C4 flare (no pun intended) at 2245 utc which
would have been after the power outage.

I think it usually takes a very large X-class flare to cause problems on the
power grid. K index is currently a three. For flare to have caused this,
would expect something on the order of K=8 or 9.

73 de Dave, N0IT

----- Original Message -----
From: "Chris Trask" <christrask@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, August 14, 2003 5:54 PM
Subject: Major Solar Flare

> I'm listening to the CBS news, and just learned that the massive power
> outage back east coincides with a massive solar flare. It might be just a
> coincidence, but does anyone have any details about this?
>
> Chris
>



High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: christrask@earthlink.net
http://www.home.earthlink.net/~christrask

>
> Graphics by Loek Frederiks

Date: Thu, 14 Aug 2003 19:18:52 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-l@Lehigh.EDU
Subject: [156266] Re: Major Solar Flare
Message-ID: <3F3BE09C.4277.758523E@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

>   I'm listening to the CBS news, and just learned that the massive power
> outage back east coincides with a massive solar flare. It might be just a
> coincidence, but does anyone have any details about this? Chris

As usual the talking heads of TV news have it wrong. The biggest flare in the last 24H was a C4.3, which is pretty minor.

John W2AGN

Date: Thu, 14 Aug 2003 16:26:07 -0700
From: "Chris Trask" <christrask@earthlink.net>
To: "Dave Sjolin" <sjolin@swbell.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156267] Re: Major Solar Flare
Message-ID: <00b001c362bb$71459da0$3a044bab@default>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>
> >   I'm listening to the CBS news, and just learned that the massive
> > power outage back east coincides with a massive solar flare. It
> > might be just a coincidence, but does anyone have any details about
> > this?
>
> I dont think its true. I checked Space Weather and several other
> sources and the only flare was a very small C4 flare (no pun intended)
> at 2245 utc which would have been after the power outage.
>
> I think it usually takes a very large X-class flare to cause problems
> on the power grid. K index is currently a three. For flare to have
> caused this, would expect something on the order of K=8 or 9.
>

    Thank you. Not sure what to believe from these news sources, even if it is CBS.

Chris

     ,----------------------.   High Performance Mixers and
    /   What's all this   \   Amplifiers for RF Communications
   / extinct stuff, anyhow? /
   \ _______,--------------'   Chris Trask / N7ZWY
  _ |/   Principal Engineer

Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: christrask@earthlink.net
http://www.home.earthlink.net/~christrask

Graphics by Loek Frederiks

Date: Thu, 14 Aug 2003 18:27:06 -0500
From: Richard Lim <richlim11@yahoo.com>
To: Chris Trask <christrask@earthlink.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [156268] Re: Major Solar Flare
Message-ID: <BB6184FA.4EBB%richlim11@yahoo.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Chris, you're sharp as a tack!! This exact phenomenon was written up in one of the Ham mags. I can't find the article, but I think it was in the CQ magazine about 12-18mo ago. I'll look it up and find the exact reference.

Rich
KQ9L

On 8/14/03 5:54 PM, "Chris Trask" <christrask@earthlink.net> wrote:

> I'm listening to the CBS news, and just learned that the massive power
> outage back east coincides with a massive solar flare. It might be just a
> coincidence, but does anyone have any details about this?
>
> Chris
>

Date: Thu, 14 Aug 2003 12:35:17 -0700 (PDT)
From: Nelson Winter <thenels@go.com>

To: "K.C. Alewine" <kca@cfu.net>,
        Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156269] Re: Wilderness Radio?
Message-ID: <6129815.1060889717885.JavaMail.thenels@gomailjtp01>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

The web page comes right up for me. Maybe it was a temporary outtage...

-----Original Message-----
From: "K.C. Alewine"<kca@cfu.net>
To: "Low Power Amateur Radio Discussion"<qrp-l@Lehigh.EDU>
Date: Thu Aug 14 07:19:29 PDT 2003
Subject: Wilderness Radio?

>I can't seem to get hold of Wilderness Radio. I'm interested in purchasing a
>NorCal 40 A transceiver and KC1 keyer from them and simply want to find out
>whether or not they have the items in stock. I've sent several emails to
>their email address qrpbob@datatamers.com and have also tried calling the
>telephone number (417-782-1397) listed at their website
>http://www.fix.net/~jparker/wild.html with no success. Maybe the info at the
>website is outdated? Maybe they're on vacation? Or maybe they're just busy?
>In any case, any info about Wilderness Radio would be appreciated -
>especially if you've recently purchased a kit from them.
>
>Thanks.
>KC, W0VP
>
>

Less = More
http://www.qsl.net/wb6dwd/
RM-40/30/20
QRP-L #2482

____
GO.com Mail
Get Your Free, Private E-mail at http://mail.go.com

Date: Thu, 14 Aug 2003 19:32:06 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Chris Trask" <christrask@earthlink.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [156270] Re: Major Solar Flare
Message-ID: <003401c362bc$4de47f60$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>   I'm listening to the CBS news, and just learned that the massive
power
> outage back east coincides with a massive solar flare. It might be just
a
> coincidence, but does anyone have any details about this?

I just checked out www.spaceweather.com and they have no indication
of any kind of flare out of the ordinary.

However, the earth currently IS in the middle of some solar wind stream
due to a coronal hole. But if it were that much out of the ordinary that
it would cause movement of the earth's magnetic flux lines (the action
that actually causes power problems on earth for the utilities) I would
think they would have more than just casual mention of it on their
web page.

Indications are (or so I've heard) that this is an issue with the Niagara-
Mohawk grid that cascaded.

Mike

Date: Thu, 14 Aug 2003 18:41:25 -0500 (CDT)
From: bob evinger <wd9eka@evinger.com>
To: Steve.Lawrence@itwfeg.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156271] Re: Emergency comms by hams now given new international standing
by
 WARC & BPL
Message-ID: <Pine.LNX.4.44.0308141840530.16834-100000@aprs2>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I bet BPL is not an issue at the moment on the east coast with no power ;)

   bob

On Thu, 14 Aug 2003 Steve.Lawrence@itwfeg.com wrote:

> I wonder if the case could be made that BPL inhibits or precludes our
> ability to perform this service, and therefore BPL is illegal?
>
> Just trying to think of new angles...
>
> 73,
> Steve
> aa8af
>
>
>
>
>
> "Stuart Rohre" <rohre@arlut.utexas.edu>
> Sent by: owner-qrp-l@Lehigh.EDU
> 08/13/2003 09:11 PM
> Please respond to rohre
>
>   To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>   cc:
>   Subject: Emergency comms by hams now given new
> international standing by WARC
>
>
> While some licensing authorities in the past may not have used the service
> aspect of amateur radio, they now have an incentive in the new regulations
> just passed by the WARC conference. See the part about facilitating
> international emergency communications. All licensing authorities signed
> on
> to this at the summer meeting.
> 72,
> Stuart
> K5KVH
>
>
>
>

--
Bob Evinger   WD9EKA/AAR5MG(Army MARS operator)
If Guns Cause Crime, Then Matches Cause Arson.

Date: Thu, 14 Aug 2003 18:50:50 -0500
From: "Doc - W5TB" <w5tb@arrl.net>

To: <ARDUJENSKI@aol.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156272] Re: AOL 8.0 and HTML
Message-ID: <004001c362be$e7aa1ea0$0400a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi Jim http://www.expita.com/nomime.html#aol8

72, 73, oo   T.E. 'Doc' Drake, W5TB
Arlington, Texas
FISTS # 5365 QRPARCI # 3532 ARRL Life Member K1 #181 K2#1617=20
----- Original Message -----=20
From: "Jim Eshleman" <jce0@Lehigh.EDU>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, August 14, 2003 2:55 PM
Subject: AOL 8.0 and HTML

> Gang,
>=20
>   Anybody know how to turn-off the sending of HTML with AOL 8.0 and=20
> make it send plain text?
>=20
> 73
> Jim N3VXI
>

Date: Fri, 15 Aug 2003 08:53:58 +0900
From: Cosy MUTO <jh5esm@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [156273] Re: Major Solar Flare
Message-ID: <0DiYuI537A140000.jh5esm@hotmail.com>
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Chris,

See following web pages;
"Today's Space Weather" at http://www.sec.noaa.gov/today.html
"3-day Solar-Geophysical Forecast" at http://www.sec.noaa.gov/forecast.html

72,

de JH5ESM, Cosy MUTO <see_my_web_to_mail_me@qsl.net>

Date: Thu, 14 Aug 2003 18:05:19 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "Chris Trask" <christrask@earthlink.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156274] Re: Major Solar Flare
Message-ID: <005301c362c0$ecb00f70$6401a8c0@Sherman>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I just checked the SEC site, http://www.sel.noaa.gov/today.html No major
flare indicated.

73 Rod, N0RC

----- Original Message -----
From: "Chris Trask" <christrask@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, August 14, 2003 4:54 PM
Subject: Major Solar Flare

>   I'm listening to the CBS news, and just learned that the massive
power
> outage back east coincides with a massive solar flare. It might be
just a

Date: Thu, 14 Aug 2003 17:09:19 -0700
From: "Chris Trask" <christrask@earthlink.net>
To: "Richard Lim" <richlim11@yahoo.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [156275] Re: Major Solar Flare
Message-ID: <00b801c362c1$7a271e20$3a044bab@default>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>

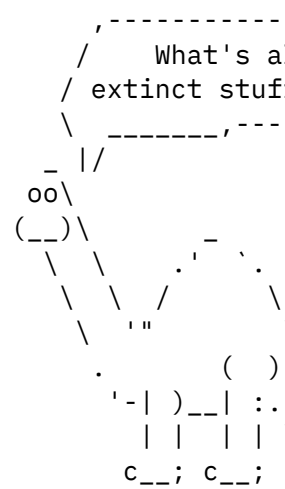
> Chris, you're sharp as a tack!! This exact phenomenon was written
> up in one of the Ham mags. I can't find the article, but I think
> it was in the CQ magazine about 12-18mo ago. I'll look it up and
> find the exact reference.
>

    I actually have a couple of textbooks that cover this subject, which is why I asked the question:

    Kikuchi, H. (ed), "Power Line Radiation and Its Coupling to the Ionosphere and Magnetosphere," Reidel Pub. Co., 1983.

    Smith, Albert A., "Coupling of External Electromagnetic Fields to Transmission Lines (2nd ed)," Interference Control Technologies, 1987.

Chris



High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: christrask@earthlink.net
http://www.home.earthlink.net/~christrask

Graphics by Loek Frederiks

----- Original Message -----
From: "Richard Lim" <richlim11@yahoo.com>
To: "Chris Trask" <christrask@earthlink.net>; "QRP-L" <qrp-l@Lehigh.EDU>
Sent: Thursday, August 14, 2003 4:27 PM
Subject: Re: Major Solar Flare

> Rich
> KQ9L

>
>
>
> On 8/14/03 5:54 PM, "Chris Trask" <christrask@earthlink.net> wrote:
>
> >   I'm listening to the CBS news, and just learned that the massive power
> > outage back east coincides with a massive solar flare. It might be just
a
> > coincidence, but does anyone have any details about this?
> >
> > Chris
> >
>
>

Date: Thu, 14 Aug 2003 17:12:09 -0700
From: "Chris Trask" <christrask@earthlink.net>
To: "Mike Yetsko" <myetsko@insydesw.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156276] Re: Major Solar Flare
Message-ID: <00be01c362c1$df14d340$3a044bab@default>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>
> >   I'm listening to the CBS news, and just learned that the
> > massive power outage back east coincides with a massive solar
> > flare. It might be just a coincidence, but does anyone have
> > any details about this?
>
> I just checked out www.spaceweather.com and they have no indication
> of any kind of flare out of the ordinary.
>
> However, the earth currently IS in the middle of some solar wind
> stream due to a coronal hole. But if it were that much out of the
> ordinary that it would cause movement of the earth's magnetic flux
> lines (the action that actually causes power problems on earth for
> the utilities) I would think they would have more than just casual
> mention of it on their web page.
>
> Indications are (or so I've heard) that this is an issue with the
> Niagara-Mohawk grid that cascaded.
>

The news is now saying that it was probably a lightning strike, but there is still some speculation about solar activity. Probably too early to tell.

Chris

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: christrask@earthlink.net
http://www.home.earthlink.net/~christrask

Graphics by Loek Frederiks

Date: Thu, 14 Aug 2003 20:10:18 -0400
From: "Ken Newman" <n2cq@comcast.net>
To: "W3BG Jim Samuels" <W3BG@arrl.net>,
"N4SO Ken Brown" <elecraftk2@juno.com>,
Subject: [156277] [Contest] N2CQ QRP Contest Calendar - Aug 16/31
Message-ID: <001701c362c1$9c75c580$3fcb2d44@kensdell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

~~~~~~
N2CQ QRP CONTEST CALENDAR
August 16-31, 2003
~~~~~~
North American QSO Party (SSB) ... <100W. (/QRP noted on entry)
Aug 16 - 1800z to Aug 17 - 0600z
Rules: http://www.ncjweb.com/naqprules.php
~~~~~~
~~~~~~

NJ QSO Party (CW/SSB)
Aug 16 - 2000z to Aug 17 - 0700z
Aug 17 - 1300z to Aug 18 - 0200z
Rules: http://www.qsl.net/w2rj/
~~~~~~
Hawaii QSO Party (CW/SSB/Digital) ... QRP Category
Aug 23 - 0700z to Aug 24 - 2200z
Rules: http://www.karc.us/hi_qso_party.html
~~~~~~
TOEC WW Grid Contest (CW) ... <100W category
Aug 23 - 1200z to Aug 24 - 1200z
Rules: http://www.qsl.net/toec/contest.htm
~~~~~~
Ohio QSO Party (CW/SSB) ... QRP Category
Aug 23 - 1600z to Aug 24 - 0400z
Rules: http://www.mrrc.net/oqp
~~~~~~
BUBBA Summer QRP Sprint *** QRP CONTEST! ***
Aug 23 - 1800z to 2200z
Rules: http://www.extremezone.com/~nk7m/
~~~~~~
Colorado QRP Club - Summer QSO Party (SSB/CW) *** QRP CONTEST! ***
Aug 24 - 1800z to 2359z
Rules: http://www.cqc.org/contests/
~~~~~~
YO DX HF Contest (CW/SSB)
Aug 30 - 1200z to Aug 31 - 1200z
Rules: http://www.hamradio.ro/contests/yodx_eng.htm
~~~~~~
SLOVENIA CONTEST CLUB RTTY Championship .. 100W Category
Aug 30 - 1200z to Aug 31 - 1159z
Rules: http://lea.hamradio.si/~scc/rtty/htmlrules.htm
~~~~~~
Thanks to SM3CER, WA7BNM, N0AX(ARRL), WB3AAL and others
for assistance in compiling this calendar.

Please foreward the contest info you sponsor to N2CQ@ARRL.NET and
we will post it and give it more publicity.
Anyone may use this "N2CQ QRP Contest Calendar" for your website,
newsletter, e-mail list or other media as you choose.
(Include a credit to the source of this material of course.)
72 de
Ken Newman - N2CQ
N2CQ@ARRL.NET

http://www.amqrp.org/contesting/contesting.html
http://www.njqrp.org/data/contesting.html
http://www.n3epa.org/Pages/Contest/contest.htm

http://www.qsl.net/cqrp/contests.html

Date: Thu, 14 Aug 2003 19:16:36 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <Steve.Lawrence@itwfeg.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156278] Re: Emergency comms by hams now given new international standing by WARC & BPL
Message-ID: <008401c362c2$7d5250f0$4e100a0a@rohredt2000>

Well, certainly, I think a case could be made that anything that inhibits ham emergency communications and practice for it, is undesirable to Homeland Security. we should mention spectrum pollutions issues and contact the greater public such as public safety comms groups, TV broadcasters on the low channels, low end band FM broadcasters, etc.

And even point out that international law encourages HF emergency comms and anything that flies in the face of international radio regulation of licensed hams is a legal question.
73,
Stuart
K5KVH

Date: Thu, 14 Aug 2003 17:22:31 -0700 (PDT)
From: Tom Sevart <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156279] Re: OT: Massive Northeast US/Southeast Canada Power Outage
Message-ID: <20030815002231.18528.qmail@web9606.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Chris Trask <christrask@earthlink.net> wrote:
> Looks like it's deja vu all over again in the
> Big Apple.

Last word is that lightning struck a generator at
Niagra Falls.

If anything, this shows the value of QRP/portable
battery operation.

=====
Tom Sevart N2UHC
http://www.geocities.com/n2uhc

_____
Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
http://sitebuilder.yahoo.com

Date: Thu, 14 Aug 2003 20:26:14 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Chris Trask" <christrask@earthlink.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156280] Re: Major Solar Flare
Message-ID: <00ab01c362c3$d7826e60$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>
>   The news is now saying that it was probably a lightning strike, but
> there is still some speculation about solar activity. Probably too
early to
> tell.
>

Well, it could be a combination of things.

Right now load is high, but by itself not a killer..

There IS a solar wind, but again, by itself the induced currents in
distribution line by flux displacements might be stressing things, but
STILL by itself not a killer.

Then the lightning strike.

You can handle waves in the dingy. But when it's overloaded
and rocking side to side even a small wave might be too much...

Mike

Date: Thu, 14 Aug 2003 20:30:32 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Chris Trask" <christrask@earthlink.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156281] Re: Major Solar Flare
Message-ID: <00b801c362c4$710d1260$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmm, it's beginning to look like the failsafe tripouts need to be
re-evaluated... Whatever caused the initial event, the cascade
effect across the system should NOT have happened.

If in fact it was correct operation, then the system was operating
into some touchy parameter areas!

Mike

Date: Thu, 14 Aug 2003 20:39:03 -0400
From: "Thomas Lewis" <thomas_h_lewis@msn.com>
To: qrp-l@Lehigh.EDU
Subject: [156282] Plain text test pse.
Message-ID: <BAY5-F33emImzRmNlo20002fae1@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I wonder if today's postings have not led me to solve the same problem with
Hotmail. We'll see in a few minutes.

Tom
K4THL

____
Protect your PC - get McAfee.com VirusScan Online
http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963

Date: Thu, 14 Aug 2003 17:57:25 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [156283] It's all BPL's Fault!
Message-ID: <002a01c362c8$32256a80$9ebcb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

See, this is what happens! They tried to implement BPL in the NE today
and ended up taking out the Grid!!! ;-)

73's Trev KG6CYN
http://www.qsl.net/kg6cyn

P.S. Funny thing is that Bush is in CA today. The man that did NOTHING
to help CA when we were in this boat ;-)

Date: Thu, 14 Aug 2003 19:59:08 -0500
From: "Dave Sjolin" <sjolin@swbell.net>
To: "Chris Trask" <christrask@earthlink.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156284] Re: Major Solar Flare
Message-ID: <04b001c362c8$6fc24610$78d1fea9@DaveSjolin>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Chris, the Canadian Premier Cretien is saying the power outage was caused by
a lightning strike at a power plant in New York, near Niagra Falls.

I really dont think solar flares had anything to do with this. If it did,
VHF and UHF bands would be overflowing with aurorally propagated signals and
that isnt going to happen with the K index at 3 or even 4.

73 de Dave, N0IT

----- Original Message -----
From: "Chris Trask" <christrask@earthlink.net>
To: "Dave Sjolin" <sjolin@swbell.net>; "Low Power Amateur Radio Discussion"
<qrp-l@Lehigh.EDU>
Sent: Thursday, August 14, 2003 6:26 PM
Subject: Re: Major Solar Flare

> >

> > >   I'm listening to the CBS news, and just learned that the massive
> > > power outage back east coincides with a massive solar flare. It
> > > might be just a coincidence, but does anyone have any details about
> > > this?
> > >
> > > I dont think its true. I checked Space Weather and several other
> > > sources and the only flare was a very small C4 flare (no pun intended)
> > > at 2245 utc which would have been after the power outage.
> > >
> > > I think it usually takes a very large X-class flare to cause problems
> > > on the power grid. K index is currently a three. For flare to have
> > > caused this, would expect something on the order of K=8 or 9.
> > >
> >
> >   Thank you. Not sure what to believe from these news sources, even if
> it
> > is CBS.
> >
> > Chris
> >
> >   ,----------------------.   High Performance Mixers and
> >   /   What's all this   \   Amplifiers for RF Communications
> >   / extinct stuff, anyhow? /
> >   \ _______,--------------'   Chris Trask / N7ZWY
> >   _ |/   Principal Engineer
> > oo\   Sonoran Radio Research
> > (__)\   _   P.O. Box 25240
> >   \ \   .' `.   Tempe, Arizona 85285-5240
> >   \ \ /   \
> >   \ '"   \   IEEE Member #40274515
> >   .   ( ) \
> >   '-|)__| :. \   Email: christrask@earthlink.net
> > | | | | \ '.   http://www.home.earthlink.net/~christrask
> >   c__; c__; '-..'>.__
> >
> >   Graphics by Loek Frederiks
> >
> >

Date: Thu, 14 Aug 2003 20:05:29 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156285] The secret lives of electrolytics
Message-ID: <009f01c362da$1534cbc0$0400000a@wa5bdu>

MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doing a bit of follow-up on the mystery of tying two electrolytics in series back to back for AC use. Electronic urban legend or fact?

I hooked a couple of garden variety aluminum electros, 10 uF, 36V rated, in series with their negative leads tied together. Hooked 'em to a 6.5 volt AC, 60 hertz supply. BTW, that's about 500 ohms reactance total, so about 13 ma rms current flowing.

Measured from the center out to each end with my DVM set on DC. What do you know? I get -1.5 VDC. Where did that come from? Cecil said electros will give some non-linear diode-like behavior. Maybe so. When I checked later, it had dropped to a volt. Then -0.35 volts and finally after 3 hours it was at -0.18 volts.

Trying again with two caps from the same bag but this time tied + to +. Initial voltage is +0.9 which climbs to +1.19 VDC in a minute or so. Now after about 15 minutes, it has dropped to +0.6 VDC.

So OK--not a real definitive test, but better than what I had to start with. Voltage will build up at the center. Whether it will eventually drop all the way to nothing, I don't know. It's not enough to keep the caps from being reverse polarized during part of the cycle, but it does keep the average over time biased in the right direction.

72--Nick, WA5BDU

With plenty of power available from my neighborhood nuke.
(But then, it's not a power plant issue.)

Date: Thu, 14 Aug 2003 20:51:05 -0400
From: "John Huffman" <hjohnc@core.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156286] Flight of the Bumblebees - Results
Message-ID: <016901c362c9$3daccff0$ba075dd8@jhuffmanlt>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Flight of the Bumblebees - 2003

Results

Despite poor conditions in most places, the 2003 edition of the Flight of the Bumblebees was well attended. We received 104 logs, up from last year.

It was all about 20 meters this year. The band breakdown:

Band	QSOs
40M	411
20M	1957
15M	26
10M	3
Total	2397

Congratulations to Todd N9NE and Larry K5OT for their first place finish from the top of a football stadium. AA4XX Paul snagged second from Shining Rock Wilderness, high in the Blue Ridge Mountains. Third was N0SXX Gary near Buffalo Creek, CO. John K4BAI was fourth as the highest scoring home station. Seab AA1MY held on to fifth while, like many, dodging thunderstorms.

Details, lots of pictures, a few articles, and everyone's Soapbox comments will be in the August issue of Sojourner at www.ARSqrp.com later in the month. We'll also name:

Most Interesting Equipment,

Most Outrageous Venture,

Most Beautiful Site.

Many thanks to all who braved the conditions and participated!

Here are the results:

Call	40M	20M	15M	10M	QSOs	BEEs	Score
N9NE/BB	28	61	1	0	90	54	14580
AA4XX/BB	22	65	0	0	87	52	13572
N0SXX/BB	8	81	2	0	91	46	12558
K4BAI	4	65	0	0	69	47	9729
AA1MY/BB	13	53	0	0	66	39	7722
K7RE	8	56	0	0	64	40	7680
KI0II/BB	7	56	0	0	63	32	6048
N4BP/BB	0	46	6	0	52	31	4836
K7TD/BB	11	42	3	1	57	28	4788
N4HAY	14	29	0	0	43	35	4515
N2XE/BB	9	42	0	0	51	29	4437
W5YA/BB	1	47	0	0	48	29	4176
N6IZ/BB	0	47	2	1	50	27	4050
K7TQ/BB	0	45	0	0	45	29	3915
W8DIZ/BB	0	45	0	0	45	28	3780
N1KSN/BB	4	37	0	0	41	29	3567
AB9CA/BB	0	40	0	0	40	28	3360
W0CH/BB	19	18	1	0	38	29	3306
W5CGH/BB	0	39	0	0	39	22	2574
WV0H/BB	40	0	0	0	40	20	2400

AD6GI	6	23	4	0	33	22	2178
N5ESE/BB	5	28	0	0	33	22	2178
KB0LUR/BB	0	39	0	0	39	18	2106
K0EVZ/BB	0	41	0	0	41	16	1968
K0PC/BB	8	24	0	0	32	20	1920
W5TB/BB	0	30	0	0	30	21	1890
W5KDJ	0	33	0	0	33	17	1683
AB4PP/BB	6	24	0	0	30	18	1620
NO5DL/BB	6	20	0	0	26	20	1560
AC6NT/BB	0	36	0	0	36	14	1512
K0IOA/BB	0	28	0	0	28	18	1512
W2AGN	3	22	0	0	25	20	1500
WA4CIT/BB	7	17	0	0	24	19	1368
NA8M/BB	3	22	0	0	25	17	1275
KW4JS/BB	4	24	0	0	28	15	1260
KB9ZUR/BB	0	37	0	0	37	11	1221
N3AO/BB	28	1	0	0	29	14	1218
KA3WMJ	5	20	0	0	25	15	1125
NM5M/BB	0	18	0	0	18	18	972
W3ANX/BB	0	17	2	0	19	17	969

KO4WX/BB	2	16	1	0	19	17	969
W4NJK	0	17	2	1	20	16	960
AA5CK/BB	5	12	0	0	17	17	867
WA7NCL/BB	5	13	0	0	18	14	756
N0YGY/BB	0	24	0	0	24	10	720
AA6AV/BB	13	7	0	0	20	12	720
W2BN/BB	10	4	1	0	15	15	675
AA8EB/BB	6	11	0	0	17	13	663
AA0NI/BB	10	8	0	0	18	12	648
VE3XT/BB	3	13	0	0	16	13	624
KT3A/BB	4	11	0	0	15	13	585
WS6T	8	8	0	0	16	11	528
N3LJB/BB	1	16	0	0	17	10	510
AE7RW/BB	3	10	0	0	13	13	507
AA7EQ	1	13	0	0	14	12	504
W8BHK/BB	4	14	0	0	18	9	486
WA0RSE/BB	6	7	0	0	13	12	468
K3SFP/BB	1	13	0	0	14	11	462
K8KFJ	5	11	0	0	16	9	432
N9OH/BB	0	14	0	0	14	10	420

WD0DDU/BB	0	14	0	0	14	10	420
K6RXL	1	11	0	0	12	11	396
KA9IKK	0	12	0	0	12	10	360
N2WG/BB	2	10	0	0	12	10	360
NG7Z/BB	0	13	0	0	13	9	351
WA3WSJ/BB	0	13	0	0	13	9	351
KK5NA/BB	0	11	0	0	11	10	330
VE3ELA/BB	8	4	0	0	12	9	324
AE4GX/BB	4	6	1	0	11	9	297
KQ9L/BB	1	12	0	0	13	7	273
KC5NT	2	8	0	0	10	9	270
K3TW/BB	0	12	0	0	12	7	252
N0IBT	0	9	0	0	9	9	243
NK6A	0	10	0	0	10	8	240
WA9PWP	0	10	0	0	10	7	210
KD7GIM/BB	4	6	0	0	10	7	210
N1SB	0	10	0	0	10	7	210
VE3FAO	3	7	0	0	10	7	210
K6III/BB	0	11	0	0	11	6	198
KB2FEL\8	0	8	0	0	8	8	192

W1PID/BB	1	8	0	0	9	7	189
AD4S/BB	3	5	0	0	8	7	168
AB0XE	0	7	0	0	7	7	147
N4DMI/BB	0	8	0	0	8	6	144
KI0G/BB	1	8	0	0	9	5	135
KH6HE/BB	0	7	0	0	7	6	126
KB9LCK/BB	0	7	0	0	7	6	126
AA8IV/BB	0	8	0	0	8	5	120
K9YT	2	4	0	0	6	5	90
VE1CHS/BB	0	7	0	0	7	4	84
KG6WP	0	5	0	0	5	5	75
VE5QRP	0	5	0	0	5	5	75
N8HSP	0	5	0	0	5	5	75
KG0MZ/BB	8	0	0	0	8	3	72
N2COP/BB	3	1	0	0	4	4	48
W0VLZ	0	4	0	0	4	4	48
K2EKM	1	2	0	0	3	3	27
KD4MSR	3	0	0	0	3	3	27
K2UD	0	5	0	0	5	1	15
AB1AV/BB	2	0	0	0	2	2	12

KL0WN/BB	0	2	0	0	2	2	12
K6MGO	5	0	0	0	5	0	5
K1WAY	1	0	0	0	1	1	3
AD6WE/BB	0	2	0	0	2	0	2

Date: Fri, 15 Aug 2003 02:06:03 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-l@lehigh.edu
Subject: [156287] Ge Diodes 1N1499
Message-ID: <5.2.1.1.0.20030815020242.00b29f30@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have about 50 Ge Diodes from Tanner Electronics.
They were labeled 1N1499 and they show ITT on the
glass. They were 10/$1 at the time that I bought them.
I figured you can't have too many Ge diodes as they
are harder to find. Radio Shack had the 1N270 for 1N34A
replacements.

A web search by several search engines comes up blank.
Zip. Nada.

Any one have some of these in their junk box or data? Before
I have to sit down a good part of a day and work through these.
I'll start by assuming they are 1N34A replacement equivalents
and go from there.

Thanks in advance,

Chuck Adams K7QO   k7qo@commspeed.net
http://www.qsl.net/k7qo   CP-60

Date: Thu, 14 Aug 2003 21:20:02 EDT
From: Ke9v@aol.com
To: qrp-l@lehigh.edu
Subject: [156288] Re: AOL 8.0 and HTML
Message-ID: <e4.3c280ddc.2c6d8f42@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Jim,

AOL now offers a free application called AOL Communicator that works fine
with AOL 8. It's a standalone Outlook Express looking mail client that offers the
choice of plain or styled (HTML) text by default.

Also, the new AOL 9.0 allows plain text formatting in the compose mail window
by just right clicking in the window and choosing "compose as plain text".

73 de Jeff

Date: Thu, 14 Aug 2003 21:31:31 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Trevor Jacobs <kg6cyn@softhome.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156289] Re: It's all BPL's Fault!
Message-ID: <20030814212944.C27806-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 14 Aug 2003, Trevor Jacobs wrote:

> See, this is what happens! They tried to implement BPL in the NE today
> and ended up taking out the Grid!!! ;-)

Actually, today's events would be great advertising after BPL is going.

I can see the tradional ISPs with a line like......

Our internet connections worked on 8/14/2003 when the power companies were
in the dark.

Thom

baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/ Baltimore's Home Page
http://www.baltimorehon.com/ Home of the Baltimore Lexicon
http://www.zerobeat.net Home of The QRP Web Ring and DrakeList
http://www.tlchost.net Web Hosting as low as $3.49/month

Date: Thu, 14 Aug 2003 19:59:13 -0600
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [156290] Re: Squegging PA
Message-ID: <5.1.1.6.2.20030814192927.00a42a90@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Usually the idea is to provide nearly-constant feedback over a certain range of frequencies, so the stage has relatively flat frequency response in that region. So the first design condition is to be sure the feedback resistor is the dominant impedance at the lowest frequency of interest: Cfb*Rfb>2pi*F(min). Next, the series Rfb-Cfb is in parallel with the base-collector capacitance of the transistor. So you want the feedback network to be a lower impedance than the internal capacitance at the highest frequency of interest: Rfb*Cbc<2pi*F(max). If you can meet both equalities, the feedback impedance is dominated by the resistor at all frequencies of interest, giving relatively constant gain and avoiding excess phase shift in the feedback network.

As a practical matter, often you can't use "optimum" values. It adds loading to the collector and increases the input drive requirements, so using less feedback (a larger Rfb) often is necessary to get adequate output from the stage. If you try to maintain flat gain at too high a frequency, you'll find that Rfb gets so small you wind up with no gain at all!

With any capacitively-coupled feedback, the feedback path is open at DC and low frequencies, and the amplifier delivers its full open-loop gain there. Likewise, the internal device capacitance will increase the feedback and reduce gain at the high frequencies. But with carefully chosen values, you can obtain relatively constant gain over a considerable frequency range.

72,
--Tim (KR0U)

>"Noyce, Bill" <william.noyce@hp.com>:
>Doesn't the series C increase in impedance as the frequency drops, so that
>the negative feedback would be *reduced*, not increased? What am I missing?

Date: Thu, 14 Aug 2003 22:00:28 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: nkennedy@tcainternet.com,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156291] Re: The secret lives of electrolytics
Message-ID: <5.2.1.1.2.20030814215924.02cb5c78@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

You weren't doing this around 1600 EDST today were ya Nick????????????

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: http://www.n4xy.com

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Fri, 15 Aug 2003 03:02:42 +0100
From: M Taylor <mctylr@privacy.nb.ca>
To: Dave Sjolin <sjolin@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156292] Re: Major Solar Flare
Message-ID: <20030815030242.A31364@pull.privacy.nb.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Disposition: inline
Content-Transfer-Encoding: 8bit

On Thu, Aug 14, 2003 at 07:59:08PM -0500, Dave Sjolin wrote:
> Chris, the Canadian Premier Cretien is saying the power outage was caused by
>

The Right Honourable Jean Chr tien (Prime Minister of Canada)

Who listens to policitians (Bloomberg or Chretien) for explainations about
power utilities / grid outages? Why don't we wait for somebody with
actual facts to tell us.

Nearly all of Ontario was affected.

Date: Thu, 14 Aug 2003 22:14:45 -0400
From: wkhibbert@juno.com
To: qrp-l@lehigh.edu
Subject: [156293] N.E. Power Outage and Lightning
Message-ID: <20030814.221446.-523307.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp

I was in Grand Island, which is 8 miles south of the Niagara Power
Project when the grid went >Thud<

Clear, temp of 84F, no precip, no lightning...

If something was hit, it was not at Niagara Falls, NY or Ontario.

BTW: My home town is fed from Niagara hydro C/O the Power Authority of
NY. Not even a bump.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section

"My night light runs more power than my Rig!!!"

_____
The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only $14.95/ month - visit www.juno.com to sign up today!

Date: Thu, 14 Aug 2003 21:30:05 -0500
From: KD5NWA <KD5NWA@cbayona.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156294] Re: Wilderness Radio?
Message-ID: <5.2.0.9.0.20030814212958.00a809d0@pop.cbayona.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

They are moving about a one and a half hour drive from where I live, I'll
have to pay them a visit once they settled in.

At 05:58 PM 8/14/2003, K.C. Alewine wrote:
>Thanks to everyone for the info on Wilderness Radio. Apparantly Bob is still
>in the process of getting himself moved to Missouri, so that explains why
>he's hard to find. I'll keep on trying.
>
>73,
>KC W0VP

Cecil
KD5NWA

Date: Thu, 14 Aug 2003 22:36:11 -0400
From: K7VO <k7vo@earthlink.net>
To: "Chris Trask" <christrask@earthlink.net>
Cc: qrp-l@lehigh.edu
Subject: [156295] Re: Major Solar Flare
Message-ID: <20030814223611.286255e7.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Thu, 14 Aug 2003 16:26:07 -0700
"Chris Trask" <christrask@earthlink.net> wrote:
>

> Thank you. Not sure what to believe from these news sources, even
> if it
> is CBS.

The weather service says no lightening strike at Niagara either.

FWIW, this last happened 26 years ago. I think that's a pretty good
track record for a system that is so large and complex. It also seems
that the cities involved were prepared and this will end up being a
massive inconvenience for a lot of people, nothing more.

73,
Caity
K7VO

Date: Thu, 14 Aug 2003 22:38:47 -0400
From: K7VO <k7vo@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [156296] Re: Items sold, still available
Message-ID: <20030814223847.7234d67b.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Thu, 14 Aug 2003 15:45:02 -0400
K7VO <k7vo@earthlink.net> wrote:

> Hi, everyone,
>
> The JIM MX-7S(T), JIM AN-28, JIM CW-2S, Mizuho BM-6 cases, and Mizuho
> KX-3 Sky Coupler, Alinco DX-70TH, and JIM T-One are all SOLD. Thank you!
>
> The Ten Tec receiver is still available.
>
> Thanks and 72/73,
> Caity
> K7VO
>
>

Date: Thu, 14 Aug 2003 21:36:29 -0500
From: KD5NWA <KD5NWA@cbayona.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156297] Re: Emergency comms by hams now given new international
  standing by WARC & BPL
Message-ID: <5.2.0.9.0.20030814213326.00a9e0a0@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Could they have being trying their extra long distance 15 GigaWatt BPL
test? This increase in power is to insure that the signal can go a few
miles further, before they have to re-transmit it, I wonder where all that
power is going?

At 06:41 PM 8/14/2003, bob evinger wrote:
>I bet BPL is not an issue at the moment on the east coast with no power ;)
>
>   bob
>
>
>On Thu, 14 Aug 2003 Steve.Lawrence@itwfeg.com wrote:
>
> > I wonder if the case could be made that BPL inhibits or precludes our
> > ability to perform this service, and therefore BPL is illegal?
> >
> > Just trying to think of new angles...
> >
> > 73,
> > Steve
> > aa8af
> >
> >
> >
> >
> >
> > "Stuart Rohre" <rohre@arlut.utexas.edu>
> > Sent by: owner-qrp-l@Lehigh.EDU
> > 08/13/2003 09:11 PM
> > Please respond to rohre
> >
> >   To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> >   cc:
> >   Subject: Emergency comms by hams now given new
> > international standing by WARC
> >
> >
> > While some licensing authorities in the past may not have used the service
> > aspect of amateur radio, they now have an incentive in the new regulations
> > just passed by the WARC conference. See the part about facilitating
> > international emergency communications. All licensing authorities signed

> > on
> > to this at the summer meeting.
> > 72,
> > Stuart
> > K5KVH
> >
> >
> >
> >
>
>--
>Bob Evinger   WD9EKA/AAR5MG(Army MARS operator)
>If Guns Cause Crime, Then Matches Cause Arson.

Cecil
KD5NWA

Date: Thu, 14 Aug 2003 22:37:49 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "NoGaQRP" <nogaqrp@mailman.qth.net>, "NJQRP" <njqrp@njqrp.org>,
        "QRP-L" <qrp-l@Lehigh.EDU>, "EPA-QRP" <EPA-QRP@yahoogroups.com>,
Subject: [156298] HOMEBREWER starting to arrive in mail
Message-ID: <003901c362d6$a4b2f1e0$08c03ad0@GH001188>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Folks -

As some have been mentioning, AmQRP HOMEBREWER magazine is now starting to arrive in subscriber mailboxes. We are very proud of the content, quality and timeliness of our inaugural issue and we think everyone will be impressed with the contributing author material.

We have an abundance of homebrewing projects - ranging from simpler "beginner" ones, all the way up to some with a more involved digital focus. We also have some terrific regular columnists with contributions in the areas of member news, contesting, field operating, portable equipment and vintage QRP equipment restoration.

It's really amazing how much material is crammed into our 64-page premier issue. With 8.5" x 11" format, stunning colors on the covers, advertising and lots-o-kits "catalog pages" on the inside, we think we hit everyone's sweet spot. We had far more content than could be published in our first

issue ... I already have 75% of issue #2 composed!

We've provided (below) an overview of the content for issue #1 ... please tell us if this is the kind of material that interests you. And when you get your copy in the mail, please let everyone know what you think of it!

72/73,

The AmQRP Leadership team ...
George Heron, N2APB n2apb@amqrp.org
(Editor, HOMEBREWER Magazine)
Doug Hendricks, KI6DS ki6ds@amqrp.org
Joe Everhart, N2CX n2cx@amqrp.org
Paul Maciel, AK1P ak1p@amqrp.org
Jim Cates, WA6GER wa6ger@amqrp.org

PS: One of my next tasks is to post the color graphics, diagrams and photos for these article in the "HB Extra!" web pages. This is where readers can see the full color graphics from the printed issue, plus additional material from each author that couldn't fit. This neat feature was a great hit with QHB readers ... we think you'll like it here too.

PPS: More information, including how to subscribe, is located on the HOMEBREWER web page at http://www.amqrp.org/homebrewer/homebrewer.html

==========
HOMEBREWER #1 - SUMMER 2003 CONTENT
==========

"RF Sniffer a la Pittsburg Style" ... by Joe Porter, W0MQY
Here's a variation of the now-classic Manhattan style homebrewing technique dubbed "Pittsburg Style" - - a blend of working with etched pc boards, yet retaining the free-form nature of mounting components. The champion of this technique demonstrates how it is used in this simple and useful project for the beginning QRP builder.

"Homebrew Circuit Board Holder" ... by Steve Sellmeyer, WB0QQT
Have you ever tried holding a pc board while trying to solder on some loose components? Or perhaps prop the pcb up on a screwdriver to get just the right light while looking through a magnifying glass? Here's a custom solution from the Four State QRP Group that's as much fun to make as it is to use.

"SSB Mods for Miniboots CW Amp" ... by Wayne McFee, NB6M
On the face of it, turning a class C power amplifier intended for CW operation into a linear amplifier suitable for SSB mode requires nothing more than a biasing circuit that will allow the amplifier to be biased for class AB operation. But is it as simple as that? What are the practical considerations of making the change?

"RF Power Meter Cookbook" ... by Joe Everhart, N2CX
Transmitted power is surprisingly tricky to measure -- especially so at QRP levels. N2CX starts us on a two-part exploration of this popular subject by overviewing basic techniques and nuances of low power measurement, with a generous dose of reference material for further study. Part 2 will present a unique working design.

"Manhattan Style Homebrewing Techniques" ... by Chuck Adams, K7QO
What do you do when you don't have a circuit board and you don't want to build your project "ugly"? You do it "Manhattan Style" of course! Just glue down some pads and solder the components using the schematic as your guide. K7QO is one of the masters of this technique and he describes his tricks and techniques here in Part 1. Later in Part 2 he'll present some working circuits.

"Electromagnetic Radiation Probes" ... by David Forsman, WA7JHZ
If the FCC comes calling with a claim of excessive radiation levels in the neighbor's back yard from your 100 watt HF station, good luck! Build these simple 1.8 to 29.7 MHz electromagnetic probes to determine your FCC OET-65B near-field radiation compliance using a common multimeter. You can measure and demonstrate near-field RFR levels instead of simply predicting it with NEC antenna modeling programs or ARRL worksheets.

"Software Defined Radio with the SDR-1000 Transceiver" ... by M.Klaper, HB9ARK and J.Piri, WD6CSV
Over the last year, AC5OG published a 4-part series in QEX concerning "Software Defined Radio" - a radio architecture in which signal processing is accomplished with software. The series concluded with the presentation of the SDR-1000 transceiver, which is of great interest to homebrewers and advanced experimenters.

"NJQRP DDS Daughtercard" ... by George Heron, N2APB
How many ways can you use a self-contained, high-precision dc-30 MHz signal source contained on a 1" x 2" plug-in circuit board? How about as a stand-alone VFO, a signal generator for your bench, a replacement LO for your Sierra or NC40 transceiver, or perhaps as the heart of an antenna analyzer! Control it with your favorite microcontroller, or even hang it off the parallel port of your PC. Any way you do it, you'll be generating quality signals for under $20.

"Building the NorCal Keyer" ... by Jim Kortge, K8IQY
The NorCal Keyer is wonderful training project for beginning homebrewers. It 's a programmable iambic memory keyer with beacon, straight key and bug modes, and variable speed control. Veteran elmer K8IQY takes us through construction of this useful kit.

"AZ ScQRPions Class-E Transmitter" ... by Jerry Haigwood, W5JH

Build this easily constructed, stable-frequency and low-cost 3-5 watt Class-E transmitter for use on 40-30-20 meters. With efficiencies greater than 95%, what more could you want!

"TTAM: Test Topics And More" ... by Joe Everhart, N2CX
Veteran QRPer and Hall of Fame member N2CX has a penchant for test and measurement equipment. Actually, it's an obsession, and he shares his ideas and experience with readers in this regular column, addressing in three subheadings each issue: Coming to Terms, Designed for Test, and Stimulus and Response.

"Operator News" ... by Richard Fisher, KI6SN
We are so lucky to have KI6SN as a regular columnist in HOMEBREWER. in his Operator News column, Richard brings us member news, operating tips, strategies, nets, contesting ideas, and more. He authored a regular column in QRPp, and still continues his column in World Radio magazine.

"Radio To Go" ... by James Bennett, KA5DVS/6
Portable antenna designer and experimenter extraordinaire KA5DVS covers aspects of portable ham radio operation. James defines "portable" as any operation away from a fixed station, and we'll see how he travels with ham radio, how he sets up temporary antennas and gear in the field, and tricks and techniques he uses for power sources and cabling. KA5DVS recently opened shop as "Pacific Antenna" with his PAC-12 antenna as a flagship product, so we'll probably see some examples of field operating with this gem of a design.

"QRP in the Great Outdoors" ... by Ron Polityka, WB3AAL
Few QRPers can compete with the "outdoors" QRP credentials of WB3AAL. Ron takes us on journeys up into the Appalachian Trail and shares his approach, preparation, and weathering experiences in this regular HOMEBREWER column.

"Tuning Up" ... by Richard Arland, K7SZ
QRP Hall of Fame member and QST columnist K7SZ shares with HOMEBREWER readers his unrivaled enthusiasm for rejuvenating and updating QRP rigs of days gone by. This time Rich resurrects the classic Heathkit HW-7 and HW-8 transceivers with a style that puts TV evangelists to shame. Read all about it this time in Rich's regular column with us.

"QRP Contesting" ... by Ken Newman, N2CQ
This column appears in each issue and brings a detailed listing of contests going on over a three month period, including links to the sponsoring organizations providing details for the event. Veteran contester N2CQ is renowned for maintaining this list for various QRP organizations, and he offers some of his contesting wisdom in each issue with us.

"Introducing the American QRP Club" ... by AmQRP Leadership Team
Who is the AmQRP, why was it formed, and what are its goals? Learn all about

the club's motivation and direction from its leadership team: KI6DS, N2APB, WA6GER, N2CX and AK1P.

"A Message to NJQRP and NorCal" ... by G. Heron, N2APB and D. Hendricks, KI6DS
The exciting merger of the NorCal QRP Club and the New Jersey QRP Club began on June 4th, and the benefits are already becoming obvious for QRPers throughout the United States. But how does this specifically affect the members of NorCal and NJQRP? Hear from the spark plugs of these organizations how things are simultaneously "the same and better" at the local club level.

"Introducing ... The Az ScQRPions" ... by John Stevens, K5JS
The ScQRPions have been around for some time, and many QRPers throughout the world have benefited from their enthusiasm and esprit de corp. They sponsor the ever popular FYBO and BUBBA operating events, and they are kitting the Class E Transmitter project described in this issue.

"Introducing ... The Four State QRP Group" ... by Dave Bixler, W0CH
So just where is the Four State area in the heartland of the US? W0CH tells us all about this, including the motivated group of QRPers at the core of this newest group to have joined ranks with the AmQRP. These guys are already stepping up to "give back" to all QRPers by hosting an annual QRP weekend called Ozarkcon", and they're kitting and selling the popular KD1JV "Tenna Tuner" as a fund raiser to do so. What an amazing group!

"QRPacificon QRP Forum" ... by Doug Hendricks, KI6DS
Are you going to attend QRPacificon, the oldest and best QRP weekend forum west of the Mississippi?! QRPacificon is being hosted by NorCal on October 17-19 in San Ramon, CA, and will feature some of the best QRP presentations from experts in their respective areas all day Saturday, plus social events on Friday and Saturday evenings. A

"Pacificon Kit" will be provided in advance to all those who register and is guaranteed to be the hit of the weekend. (The other best QRP weekends sponsored by the AmQRP are "Atlanticon" on the east coast, hosted by the NJQRP, and "Ozarkcon" in the center of the country, hosted by the 4SQRP Group.)

"Kits from the NJQRP, NorCal and 4SQRP"
We understand how QRPers like kits -- building them, collecting them, talking about them, modifying them and of course using them. Well, a strength the AmQRP Club has as an umbrella organization to affiliated clubs like NorCal, NJQRP and 4SQRP is that you, QRPers of America, get a chance inside HOMEBREWER to see, read about and purchase the collective kitting and services efforts of these clubs.

Date: Thu, 14 Aug 2003 23:00:57 -0400 (EDT)
From: <n2go@arrl.net>
To: Tom Sevart <n2uhc@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156299] Re: OT: Massive Northeast US/Southeast Canada Power Outage
Message-ID: <Pine.LNX.4.33.0308142249400.774-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 14 Aug 2003, Tom Sevart wrote:
 > Last word is that lightning struck a generator at
> Niagra Falls.

No lightning in Western NY today. We are about 20miles from the Falls.
There are scattered outages in the Buffalo area. My lights went out for
less than a minute. I had to reset all the digital stuff..
My son called from Chicago wanting to know the "scoop". They left
work early , thinking that some nastier scenarios were taking place. It is
unusually
hot here. My guess would be that the grid was overloaded. It shut down as
it was designed to do.

Jim n2go

Date: Thu, 14 Aug 2003 22:01:23 -0500
From: Richard Clem <clem.law@usa.net>
To: <nlrs@mailman.qth.net>, <qrp-l@lehigh.edu>
Subject: [156300] Filing BPL Comments with the FCC
Message-ID: <291HHoDBX4240S18.1060916483@uwdvg018.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

I encourage everyone to file comments with the FCC (they're due by someti=
me
next week) in opposition to BPL. Here's what I filed:

http://gullfoss2.fcc.gov/prod/ecfs/retrieve.cgi?native_or_pdf=3Dpdf&id_do=
cument=3D6514582409

(This is a link to my comments in PDF format at the FCC website). =

Your comments can be submitted by going to:
http://www.fcc.gov/cgb/ecfs/

and clicking on "Submit a Filing." The form looks a bit intimidating, bu=
t
it's quite easy to make your voice heard. You will need to enter the
proceeding number, 03-104, in box 1, and then add your contact informatio=
n. =

You can either type your comments in plain text right into the web browse=
r, or
you can upload files in various formats. I did mine in Microsoft Word fo=
rmat
using WordPad, and it came out looking just fine.

For more information, check out the ARRL web page at http://www.arrl.org =
=2E

73,
Rick W0IS

Date: Thu, 14 Aug 2003 21:30:27 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156301] Re: Model airplane spans Atlantic!!!
Message-ID: <000501c362dd$967880c0$6801a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hey, watch it! I resemble that remark! ;-)

73 de Dave NK0E

Chris wrote:

    I know of a number of engineers who would have to improve to be
considered low life. :{)

Chris

Date: Thu, 14 Aug 2003 21:14:36 -0700
From: "DTX" <dtx@wood.tzo.com>
To: <myetsko@insydesw.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156302] Re: Major Solar Flare
Message-ID: <02d201c362ea$287a9f60$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

hmmm, without the real numbers, Mike, it is hard to say. Hypothetically (since I have no inside information) if 10 generators of equal size are supporting the grid at 99% max load and one goes off-line, what happens? Those that don't "load-shed" die. If I recall correctly, in that first big outage (in the 1980's?) one of the NYC plants tried to support the grid with manual over-ride. No one else came back to help them and when it died, they spent many months and millions of dollars to get back.

The real problem is for 20 yrs the building of capacity has be held back from tree huggers, NIMBYists, concerns with nuclear waste disposal and greenhouse gases. All legitimate concerns but the answer is not to stop building and let demand continue to increase!

Gary WA6DTX
----- Original Message -----
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, August 14, 2003 5:30 PM
Subject: Re: Major Solar Flare

> Hmm, it's beginning to look like the failsafe tripouts need to be
> re-evaluated... Whatever caused the initial event, the cascade
> effect across the system should NOT have happened.
>
> If in fact it was correct operation, then the system was operating
> into some touchy parameter areas!
>
> Mike
>
>

Date: Fri, 15 Aug 2003 01:21:56 PDT
From: Ken Brown <hfbeacons@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [156303] Solar Flare Alerts/IPS Geo Warnings
Message-ID: <20030816.031906.7703.0.HFBEACONS@juno.com>

The Australian government monitors Solar Flares and
sends out an E-mail each time a Solar Flare erupts
or the sun has a CME.
The E-mails arrive every week or so, on the average...
The service is called IPS Geo Warnings
From: ips-geo-warning-request@ips.gov.au on 06/23/2003 01:33
To: MSG USNS SUMNER/SHIPS/MSC@MMRC-SD
cc:
Subject: Welcome to the "ips-geo-warning" mailing list

Welcome to the ips-geo-warning@ips.gov.au mailing list!

To post to this list, send your email to:

  ips-geo-warning@ips.gov.au

General information about the mailing list is at:

  http://www.ips.gov.au/mailman/listinfo/ips-geo-warning

If you ever want to unsubscribe or change your options (eg, switch to
or from digest mode, change your password, etc.), visit your
subscription page at:

http://www.ips.gov.au/mailman/options/ips-geo-warning/
msg.usnssumner%40mscafloat.msc.navy.mil

You can also make such adjustments via email by sending a message to:

  ips-geo-warning-request@ips.gov.au

with the word `help' in the subject or body (don't include the
quotes), and you will get back a message with instructions.

You must know your password to change your options (including changing
the password, itself) or to unsubscribe. It is:

  daunadyyy

If you forget your password, don't worry, you will receive a monthly reminder telling you what all your ips.gov.au mailing list passwords are, and how to unsubscribe or change your options. There is also a button on your options page that will email your current password to you.

You may also have your password mailed to you automatically off of the Web page noted above.

Ken Brown N4SO
Mobile, AL EM50tk
HFBEACONS@juno.com

_____
The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only $14.95/ month - visit www.juno.com to sign up today!

Date: Fri, 15 Aug 2003 03:35:43 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>, <w7pxl@valleyradioclub.org>
Subject: [156304] FS: FT-817, HL-50B HF/6m amp, Z11 tuner
Message-ID: <Pine.LNX.4.44.0308142305340.2780-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For sale:

Yaesu FT-817, excellent condition w/box, manual, mic, AA battery tray, duckie antennas. Case has a couple of small scuffs. $625 new, asking $475 plus shipping.

Tokyo Hi-Power compact HF/6m HL-50B amp. 5w in, 50w out. Excellent condition with box, manual. $315 plus shipping.

LDG Z11 automatic antenna tuner. Latching relays, etc. Excellent condition, hardly used. Sells for $179 new, asking $135 plus shipping.

Shipping via your choice of carriers.

Thanks,

Scott N7JI

--
Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu http://w3eax.umd.edu/~ham

Date: Fri, 15 Aug 2003 06:21:07 -0500
From: "Jerry" <jerryaa@fbx.com>
To: <qrp-l@Lehigh.EDU>
Subject: [156305] Re: Filing BPL Comments with the FCC
Message-ID: <003201c3631f$53a40520$fa580043@5tgbq01>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Great document Richard.
----- Original Message -----
From: "Richard Clem" <clem.law@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, August 14, 2003 10:01 PM
Subject: Filing BPL Comments with the FCC

> I encourage everyone to file comments with the FCC (they're due by
sometime
> next week) in opposition to BPL. Here's what I filed:
>
>
http://gullfoss2.fcc.gov/prod/ecfs/retrieve.cgi?
native_or_pdf=pdf&id_document=6514582409
>
> (This is a link to my comments in PDF format at the FCC website).
>
> Your comments can be submitted by going to:
> http://www.fcc.gov/cgb/ecfs/
>
> and clicking on "Submit a Filing." The form looks a bit intimidating, but
> it's quite easy to make your voice heard. You will need to enter the
> proceeding number, 03-104, in box 1, and then add your contact
information.
> You can either type your comments in plain text right into the web
browser, or

> you can upload files in various formats. I did mine in Microsoft Word
format
> using WordPad, and it came out looking just fine.
>
> For more information, check out the ARRL web page at http://www.arrl.org .
>
> 73,
> Rick W0IS
>
>
>
>

Date: Fri, 15 Aug 2003 07:41:42 -0400
From: Bill Owens <bill@owensfamily.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156306] Re: It's all BPL's Fault!
Message-ID: <20030815114142.GC26730@owensfamily.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Thu, Aug 14, 2003 at 05:57:25PM -0700, Trevor Jacobs wrote:
> See, this is what happens! They tried to implement BPL in the NE today
> and ended up taking out the Grid!!! ;-)

Just watch, the power companies will start claiming that if they'd had
BPL deployed it would have increased their ability to monitor the load,
prevent outages and restore power more quickly. And want to bet that it
will be part of their "modernization" plans for the grid?

BTW, the data network that I'm responsible for, stretching from Buffalo
to NYC, stayed up throughout the failure. . .

Bill N2RKL

Date: Fri, 15 Aug 2003 07:42:57 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156307] It's so obvious....
Message-ID: <3F3CC741.D0B49D53@amsat.org>
MIME-version: 1.0

Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

You were warned. I think someone was trying to make a point:

[Paul NA5N on Re:Recent band conditions]

> The next time your town or city experiences a power outage, even if only
> for a few minutes, QUICKLY turn on your rig and check the noise level on
> 40M with the power out, and later when it is restored. That's happened
> to me twice while I was on the air, and the drop in noise level is
> instantly noticeable. You may not see a difference for a localized
> power failure (within a mile of your house), but you certainly will at
> larger scales.

So Paul, how was your trip to the North East?

73,
--Alex KR1ST

Date: Fri, 15 Aug 2003 07:56:19 -0400
From: WAYNE SMITH <k8ff@juno.com>
To: qrp-l@lehigh.edu
Subject: [156308] Fw: FS: TS 570D/G
Message-ID: <20030815.075620.2244.0.K8FF@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

--------- Forwarded message ----------
From: WAYNE SMITH <K8FF@juno.com>
To: qrp-l@lehigh.edu
Date: Thu, 14 Aug 2003 14:34:09 -0400
Subject: FS: TS 570D/G

Efforts to reduce the volume of stuff in the hamshack have forced me to
reluctantly offer up my TS 570D/G The rig has been used as a backup rig
since new and most of the time at 5 watts.   It comes with the original
cartons and accessories, in addition it has an Inrad 400hz CW filter and
factory autotuner. I will ship CONUS UPS for a postal money order in the
amount of $725.00

I am not interested in trades, only cash!

Regards, Wayne K8FF

Date: Fri, 15 Aug 2003 07:59:44 -0400
From: Alex <kr1st@amsat.org>
To: hamjoel@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156309] Re: THE ANTENNA IS COMING DOWN
Message-ID: <3F3CCB30.B0BBF475@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

hamjoel@juno.com wrote:

> ...all I can say is don t hang it over power lines, like I did...

Yep, it came down alright. ;-)

73,
--Alex KR1ST

Date: Fri, 15 Aug 2003 07:37:49 -0500
From: Joe Martin <km5cw@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [156310] Re: Filing BPL Comments with the FCC
Message-ID: <3F3CD41D.1070406@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Mega Dittos!
Richard's comments reflect the true sense of urgency we should all
embrace when it comes to BPL.
We will only have this opportunity once. If BPL is allowed to "dig in"
to our spectrum it will be extremely difficult to root them out as their
income derived from the BPL service will provide fuel for their fodder
for an unforeseen period of time. Don't think that just because "it just
doesn't seem right" doesn't mean it can't happen.
73 de KM5CW Joe

>Subject: Filing BPL Comments with the FCC
>
>
>>I encourage everyone to file comments with the FCC (they're due by

>>
>>
>sometime next week) in opposition to BPL. Here's what I filed:
>
>
>http://gullfoss2.fcc.gov/prod/ecfs/retrieve.cgi?
native_or_pdf=pdf&id_document=6514582409
>
>
>>(This is a link to my comments in PDF format at the FCC website).
>>
>>Your comments can be submitted by going to:
>>(http://www.fcc.gov/cgb/ecfs/)
>>
>>and clicking on "Submit a Filing." The form looks a bit intimidating, but
>>it's quite easy to make your voice heard.
>>
>>For more information, check out the ARRL web page at http://www.arrl.org .
>>
>>73,
>>Rick W0IS
>>
>>

Date: Fri, 15 Aug 2003 08:56:46 -0400
From: Lee Mairs <lmairs@direcway.com>
To: kr1st@amsat.org,
        Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156311] NA5N
Message-ID: <006a01c3632c$b44f1ba0$3b6d020a@boomer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I mean this guy is a real threat to amateur radio! Every time he posts to
QRP-L, the bands all shut down. And, now he is linked to the Northeast
power outage...
73 de Lee
km4yy/8

----- Original Message -----
From: "Alex" <kr1st@amsat.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, August 15, 2003 7:42 AM

Subject: It's so obvious....

> You were warned. I think someone was trying to make a point:
>
> [Paul NA5N on Re:Recent band conditions]
>
> > The next time your town or city experiences a power outage, even if only
> > for a few minutes, QUICKLY turn on your rig and check the noise level on
> > 40M with the power out, and later when it is restored. That's happened
> > to me twice while I was on the air, and the drop in noise level is
> > instantly noticeable. You may not see a difference for a localized
> > power failure (within a mile of your house), but you certainly will at
> > larger scales.
>
> So Paul, how was your trip to the North East?
>
> 73,
> --Alex KR1ST
>

Date: Fri, 15 Aug 2003 09:26:43 -0400
From: "Russ Hines" <wb8zcc@fuse.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156312] BPL comments to FCC
Message-ID: <001d01c36330$def1e280$0685d7d8@WB8ZCC2>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Friends and fellow amateurs:

I want to share my comments I just filed with the FCC regarding Docket ET 03-104, the implementation of Broadband over Power Line (BPL). I believe now is the time to take a stand.

Please feel free to comment. I held nothing back and "called it as I see it."

I trust the list administrator will understand that this is certainly on topic for QRP. If BPL is implemented, there will be no more QRP or any other amateur activity as we currently know it.

"I fully support the ARRL comment submitted regarding Docket ET 30-104. If Broadband over Power Line (BPL) is implemented, it will render useless the spectrum currently occupied by duly licensed services that depend on weak signal communications. All licensed services will be irreparably harmed and affected. This is in direct conflict of the FCC's mandate to regulate the natural resource of our electromagnetic spectrum. Implementation of BPL is in direct conflict with the public interest, and certainly not in our national defense interest. Many first-line defenders in the War on Terrorism, such as fire, police, public safety, and emergency amateur communications, depend on the spectrum that will be affected by BPL. The recent power outage in the northeastern U.S. brings home this point: if BPL is implemented, there will be no other users in this spectrum to provide emergency communications to effected areas, as VHF/UHF repeaters and the cellular telephone system would be off-line as they were in New York, Cleveland, Detroit, and Toledo.
Broadband over Power Line has but one purpose: to provide additional income to power service providers. I suggest with more income, power service companies might donate and fund the political aspirations of current Federal government employees in exchange for "friendly" rules and legislation. The recent comments and behavior of the current FCC Chairman regarding BPL technology begs the question that perhaps he has a conflict of interest with this issue."

73,
Russ Hines
WB8ZCC

Date: Fri, 15 Aug 2003 09:35:00 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156313] Re: Major Solar Flare NOT!
Message-ID: <000901c36332$085e0580$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It appears that an industry sponsored (but independent) council that 'oversees' the power industry with a goal towards reliability has monitoring capability of the grid.

Reports of the problem starting in the Niagra-Mohawk area are now being refuted.

Rumor is the indications this group picked up are an event somewhere
in Ohio near Lake Erie is where the first domino fell.

Mike

Date: Fri, 15 Aug 2003 08:13:41 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [156314] Re: It's so obvious....noise checking- long
Message-ID: <20030815.081346.-434359.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I missed Paul's original posting but what he says
is absolutely true. Last year, this time, El Paso
Electric suffered a massive power failure which
went from just south of Albuquerque (270 miles
to the north) to include the southern area of New
Mexico as far west as Deming and in Far West
Texas including El Paso and to the east as far as
Van Horn - some 125-30 miles distant.
During that outage which lasted from about 9:30
in the morning to past 2:30 in the afternoon, I ran
my generator for household needs, and solar charged
gelcells for the radios. As I have suffered for a number
of years with line noise as high as 30db over S9,
less on some bands, I took that opportunity to check
and make sure it wasn't my residence causing any of
the noise - clean - absoulutely quiet. That is something
I have not enjoyed in many a year.
Of course the results of that outage and the noise tests
were passed along to the engineering section of El Paso
Electric, hoping they would get busy and find the problem
areas (directions to certain areas had previously been given)
complete with times the noise stopped (outage) and when
it returned - when the grid returned to normal.
To date, it is still there, somewhat lessened by recent rains
but well over S9. Occasional Emails to the company, as
a gentle prod, sometimes produce a response, but no noise
reduction. Too expensive to disconnect and depend strictly
on generator and solar. I can hardly wait for them to do the
BPL thing.

Ray
"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M SOC#78
fp #111 ARCI-5784 NCT2R El Paso,(FAR WEST) TEXAS

Date: Fri, 15 Aug 2003 09:57:12 -0500
From: "Frank Emens" <femens@hiwaay.net>
To: w5xe@juno.com
Cc: qrp-l@lehigh.edu
Subject: [156315] Re: It's so obvious....noise checking- long
Message-ID: <3F3CAE78.13190.65A6E3@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

I was never really conscious of the degree of background noise coming from the local power distribution system until some years ago our area (Huntsvill, AL) was hit
by a tremendous tornado outbreak. The storms did a lot of damage to the local distribution net, but in addition, took down all the long distance distribution lines
bringing power into Huntsville from the TVA, leaving us a completely inactive power
system for quite a while.

The next evening I was meeting the Alabama CW traffic net on 80-Meters by candle light using a TenTec Argonaut and 12-volt car battery that I used for the station. Conditions were unbelievably quiet. Then I noticed the background noise begin to increase a step at a time. I was monitoring the local utility company's frequency at
the same time and deteremined that they were bringing the local grid up a bit at a time, sometimes having to do repairs on or work around a section of the grid that wouldn't accept power. The noise level continued to get louder and louder until finally the level increased to its "normal" level and my lights came on. I never would
have believed the degree to which power line noise can interfere with communications until I was given that demonstration.

Date: Fri, 15 Aug 2003 11:13:41 -0400
From: "Howard Kraus" <K2UD@adelphia.net>
To: <n2uhc@yahoo.com>
Cc: <qrp-l@Lehigh.EDU>
Subject: [156316] Re: OT: Massive Northeast US/Southeast Canada Power Outage
Message-ID: <009301c3633f$cfb45fa0$dc131443@buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Last word is that lightning struck a generator at
> Niagra Falls.

Don't think so. It was beautiful, sunny, hot, humid, not a cloud in the sky kind of day in the Buffalo/Niagara region yesterday. Local NOAA office indicates the nearest lightning was in Chicago, about 600 miles away.

Our office is just down the street from the Robert Moses Power Project, they heard no lightning and echoed the weather conditions in that part of town.

My lament is that in the heat of the outage (to pun), my pager went wild until 11P.M. for elevator rescue calls. I had just dipped my toe in the pool when the festivities began. Tonight, I'm not on call. WX cndx are identical today, now awaiting the rolling blackouts. The only nuisance I noticed at our house was a frequency sag . Clocks were about 2 minutes slow, but did not show any outage or surge.

72 es keep cool

Howard Kraus, K2UD

Date: Fri, 15 Aug 2003 11:00:19 -0500
From: Marten T Beels <martentb@goshen.edu>
To: qrp-L@Lehigh.EDU, kca@cfu.net
Subject: [156317] Re: [156229] Wilderness Radio?
Message-ID: <1060963219.3f3d039380725@mail.goshen.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

I am having the exact same problem. I have been trying to contact Wilderness

Radio by phone and email for a few weeks now without any success. I was contemplating sending a similar email to the list for the same reason, but decided to wait a bit more. All I want to know is if they received my check, the bank reports that it has not been presented for payment yet.

Has anyone heard/received anything from them within in the past three weeks?

I'm getting anxious to start working on my Norcal 40A!

Marten
KC8HZM

This mail sent through IMP: http://horde.org/imp/

Date: Fri, 15 Aug 2003 11:27:06 -0500
From: "Gene Sailsbury" <gsailsbury@mobil1.net>
To: "Low Power" <qrp-l@Lehigh.EDU>
Subject: [156318] Wilderness Radio
Message-ID: <026101c3634a$11c886f0$8ec03fd8@n0mq>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I emailed Bob a couple of weeks ago and he was starting his move to Joplin, Mo. Should be up and going soon. I also need some items but now Wilderness will only be
30 miles from me.
72
Gene N0MQ

Date: Fri, 15 Aug 2003 12:29:10 -0400
From: Jimmy Lee <jrlaudio@bellsouth.net>
To: martentb@goshen.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156319] Re: [156229] Wilderness Radio?
Message-ID: <3F3D0A56.35E856F4@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have one and it is worth the wait!
Jimmy, AE4DT

Marten T Beels wrote:

> I am having the exact same problem. I have been trying to contact Wilderness
> Radio by phone and email for a few weeks now without any success. I was
> contemplating sending a similar email to the list for the same reason, but
> decided to wait a bit more. All I want to know is if they received my check,
> the bank reports that it has not been presented for payment yet.
>
> Has anyone heard/received anything from them within in the past three weeks?
>
> I'm getting anxious to start working on my Norcal 40A!
>
> Marten
> KC8HZM
>
> --
> This mail sent through IMP: http://horde.org/imp/

Date: Fri, 15 Aug 2003 11:49:23 -0500
From: Jim Crooke <crooke@crooke.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156320] Re: Wilderness Radio
Message-ID: <5.2.1.1.0.20030815114753.034eb970@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:27 AM 8/15/2003 -0500, Gene Sailsbury wrote:
>I emailed Bob a couple of weeks ago and he was starting his move to Joplin,
>Mo. Should be up and going soon.

Oh Boy! That's just down the road. I wonder if the name will change to
Somo 40?

73 es oo de Jim KJ0C
Healer of Brachycephalics and other fine looking creatures
in Springfield, MO
FP # -108 and semi-official veterinarian of the Flying Pigs QRP Club
PITA #2   SOC #37

Date: Fri, 15 Aug 2003 09:57:47 -0700 (PDT)
From: Mike Cummings <mook@annihilator.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156321] 30 meters summary
Message-ID: <Pine.LNX.4.44.0308150949570.3528-100000@drizzle.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I asked last week about what people thought of 30 meters as a choice for a single bander used for camping (among other things). I got a lot of off-list replies, and thought I'd summarize them for the benefit of the group.

I got 17 replies (thank you all!) and they broke down as follows:

30 meters is great! Do it!	16
30 meters is iffy at best. 40 is better	1

Unfortunately, Ten-Tec is out of 30 meter kits after last month's sale which I so foolishly missed. So I'm going camping in a week, probably for the last time this year, and I have no rig. :-(I'd love to try a different one, but nobody can deliver very quickly. If anyone knows where I can get my hands on a 30 m qrp rig within a week for around $100 or so, please let me know. I know it's a tall order. I'd do 40, too.

72.5,

Mike
NX7E

Date: Fri, 15 Aug 2003 13:07:37 -0700
From: Jeremy Cowgar <jc@cowgar.com>
To: mook@annihilator.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [156322] Re: 30 meters summary
Message-ID: <3F3D3D89.5050901@cowgar.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Mike Cummings wrote:

> I asked last week about what people thought of 30 meters as a choice for a
> single bander used for camping (among other things). I got a lot of
> off-list replies, and thought I'd summarize them for the benefit of the
> group.
>
> I got 17 replies (thank you all!) and they broke down as follows:
>
> 30 meters is great! Do it!   16
> 30 meters is iffy at best. 40 is better   1
>
> Unfortunately, Ten-Tec is out of 30 meter kits after last month's sale
> which I so foolishly misssed. So I'm going camping in a week, probably for
> the last time this year, and I have no rig. :-(I'd love to try a
> different one, but nobody can deliver very quickly. If anyone knows where
> I can get my hands on a 30 m qrp rig within a week for around $100 or so,
> please let me know. I know it's a tall order. I'd do 40, too.

I bought an OHR-100A (shipping out of stock), ordered it with quick
ordering, spent 1 day putting it together, then the next morning tuning
it up. How much time do you have to assemble? That would work if you
order today w/Next day shipping :)

Jeremy
KB8LFA

Date: Fri, 15 Aug 2003 13:08:51 -0700
From: Jeremy Cowgar <jc@cowgar.com>
To: mook@annihilator.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [156323] Re: 30 meters summary
Message-ID: <3F3D3DD3.6080705@cowgar.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hum, when I said, shipping out of stock, that meant that rigs were
shipping from their stock, not that they are out of stock and
backordered. Sorry for the confusion.

Jeremy
KB8LFA

Date: Fri, 15 Aug 2003 13:09:35 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [156324] QRP Quarterly?
Message-ID: <3F3D13CF.3040109@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

When's the last time anyone received one in the mail? I don't think
I've gotten an issue since February - am I all alone on this?

Al, K2ZN

Date: Fri, 15 Aug 2003 10:16:27 -0700
From: Mark Schoonover <schoon@amgt.com>
To: "'k2zn@rochester.rr.com'" <k2zn@rochester.rr.com>,
        Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156325] RE: QRP Quarterly?
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F709C@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"

No, I received mine last week...

72

.mark

-----Original Message-----
From: Al Scanandoah [mailto:k2zn@rochester.rr.com]
Sent: Friday, August 15, 2003 10:10 AM
To: Low Power Amateur Radio Discussion
Subject: QRP Quarterly?

When's the last time anyone received one in the mail? I don't think
I've gotten an issue since February - am I all alone on this?

Al, K2ZN

Date: Fri, 15 Aug 2003 13:28:31 -0400
From: K7VO <k7vo@earthlink.net>
To: km5cw@arrl.net, qrp-l@lehigh.edu
Subject: [156326] Re: Filing BPL Comments with the FCC
Message-ID: <20030815132831.740bd737.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Fri, 15 Aug 2003 07:37:49 -0500
Joe Martin <km5cw@arrl.net> wrote:

> Richard's comments reflect the true sense of urgency we should all
> embrace when it comes to BPL.

Agreed.

I should also point out that the Democrats are now pushing BPL as a campaign issue, and the Republicans seem determined to out-BPL the Democrats. The Bush Administration, and of course FCC Chairman Michael Powell, are very much on the BPL bandwagon.

We hams, and any and all allies we can find (shortwave broadcasters, the churches that support religious shortwave broadcasters, commercial and marine interests, law enforcement agencies using lowband VHF, and any government agencies on the HF and low VHF spectrum) need to make it clear to our elected politicians that 1) we intend to vote in the upcoming 2004 elections, and that 2) promoting BPL is a great way to lose our vote.

I will certainly continue to do all I can to fight BPL. I am, however, contemplating a whole lot more VHF/UHF weak signal work, trying satellites again, etc... That assumes, of course, that we can hold onto those allocations.

72/73,
Caity
K7VO

Date: Fri, 15 Aug 2003 13:33:53 -0400
From: K7VO <k7vo@earthlink.net>
To: k2zn@rochester.rr.com, qrp-l@lehigh.edu
Subject: [156327] Re: QRP Quarterly?
Message-ID: <20030815133353.39e83a88.k7vo@earthlink.net>

Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Fri, 15 Aug 2003 13:09:35 -0400
Al Scanandoah <k2zn@rochester.rr.com> wrote:

> When's the last time anyone received one in the mail? I don't think
> I've gotten an issue since February - am I all alone on this?

Hi, Al,

I got one a week or two ago. Good issue, too. I'm glad to see the new column on QRP at VHF and above. It's my third issue this year.

Perhaps it's time to check with the good folks at QRP-ARCI.

FWIW, if you don't subscribe to QQ and are not a QRP-ARCI member I highly recommend them. The folks who do homebrewing will especially like the magazine, but there is stuff in there for everyone.

72,
Caity
K7VO

Date: Fri, 15 Aug 2003 13:36:53 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-l@Lehigh.EDU
Subject: [156328] Re: Major Solar Flare NOT!
Message-ID: <3F3CE1F5.1210.B45B79C@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

1. NOT a Solar Flare

2. Not Lightning

SO, Must be UFOs!

John W2AGN

Date: Fri, 15 Aug 2003 12:44:51 -0500

From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <AQRP@yahoogroups.com>, <qrp-l@Lehigh.EDU>
Subject: [156329] Wrap Up on Austin TX Summerfest QRP Forum, the door prize kit winners of other club donations
Message-ID: <002301c36354$eda5bad0$4e100a0a@rohredt2000>

In addition to the prizes gathered up by Glen, K5FX,
here are the winners of the final group of donations from our sister clubs around the country. Please support their kit offerings and project sales which allowed them to be generous to another club.

>From Doug Hendricks, KI6DS, and the AmQRP Club:
Four prizes!
#1 A NorCal Keyer Kit was won by Jane Baker of Fairview, TX. Will she let George borrow it? ;-)
#2 A NorCal Resistor Kit was won by Sherrie Blanchard of Cedar Park, TX
#3 A NorCal Miniboots Amp Kit went to Mong Chew, KD6ZJH, Round Rock, TX
#4 A NorCal BLT tuner & new case: Vic Eissler, K5VIC, Dripping Springs, TX

Thanks Doug and the AmQRP Club!

The Four States QRP Group, (4SQRP), (Gene Salisbury) was kind enough to donate
a Tenna Dipper kit. This was won by Roger Wines, W5WIA who provided the audio visual set ups for Summerfest Forums and is much appreciated for help with audio and video for the QRP Forum. Roger is of course, an Austin TX ham. Thanks Gene and 4SQRP!

And, the Az ScoQRPions Club donated, thru John Stevens, K5JS, one of their 20m
Class E Transmitters, which goes to Monty Northrup, N5ESE, who also received a cup from AQRP for his enthusiasm and great projects and web page in support of QRP and AQRP efforts. Thanks John and Az ScoQRPions!

It is great to see the support around the country for QRP forums! Let's all think about what Austin might do next QRP Forum.
72,
Stuart
K5KVH

Date: Fri, 15 Aug 2003 13:47:29 -0400
From: ed miller <millered@magnet.fsu.edu>
To: qrp-l@Lehigh.EDU

Subject: [156330] Re: QRP Quarterly
Message-ID: <5.1.1.5.2.20030815134520.04d25548@mail.magnet.fsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Negative. I got my copy last Wednesday, and as a bonus the table I was
sitting at for the banquet was featured on page 56. Great issue as always.
     73 Ed KC4MHM

Date: Fri, 15 Aug 2003 12:47:33 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Al Scanandoah <k2zn@rochester.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156331] Re: QRP Quarterly?
Message-ID: <Pine.LNX.4.33.0308151245140.31151-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 15 Aug 2003, Al Scanandoah wrote:

> When's the last time anyone received one in the mail? I don't think
> I've gotten an issue since February - am I all alone on this?

Last week. My first one since... I don't know when, I just renewed a
week or so after the cutoff for the Sprring issue, apparently. So if
anyone has a Spring '03 they would part with, email me off-list please.

Dale
--
It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer is available for the Rock-Mite! http://www.hamgadgets.com

----

Date: Fri, 15 Aug 2003 11:01:39 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: k2zn@rochester.rr.com,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156332] Re: QRP Quarterly?
Message-ID: <008701c36357$47e80b40$6b8eb3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got mine yesterday...Nice issue too! I'm sure you'll get it soon...

73's Trev KG6CYN
http://www.qsl.net/kg6cyn

----- Original Message -----
From: Al Scanandoah <k2zn@rochester.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, August 15, 2003 10:09 AM
Subject: QRP Quarterly?

> When's the last time anyone received one in the mail? I don't think
> I've gotten an issue since February - am I all alone on this?
>
> Al, K2ZN
>

Date: Fri, 15 Aug 2003 13:14:17 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: k2zn@rochester.rr.com,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156333] Re: QRP Quarterly?
Message-ID: <3.0.2.32.20030815131417.00af41d0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Got my copy today. The Homebrewer came too.

Nice article in QQ about VHF and above QRP. Done that, fun stuff.

Something to read this evening...

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo http://www.netxqrp.org

---

Date: Fri, 15 Aug 2003 18:30:37 +0100
From: Dan Harriman <kc5gxl@ih2000.net>

To: qrp-l@Lehigh.EDU
Subject: [156334] Re: QRP Quarterly?
Message-ID: <5.0.2.1.1.20030815182948.009f52c0@mail.ih2000.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I got mine day before yesterday.

Good reading!

Dan Harriman
Orange, Texas

At 18:09 08/15/2003, you wrote:

>When's the last time anyone received one in the mail? I don't think I've
>gotten an issue since February - am I all alone on this?
>
>Al, K2ZN

==========
Proud member of QRP-ARCI # 9126; QRP-L # 431; ARS # 25; FISTS # 1572;
QRPp-l # 702;
1010 Int.; FP # 555; SOC # 569; NETXQRP # 45; ARRL; RU-QRP # 43; grid EM30cc
-
If at first you don't succeed, maybe you shouldn't try
sky-diving!   dit   dit
==========

Date: Fri, 15 Aug 2003 15:12:44 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: Richard P <kairos1@lineone.net>
Cc: gqrp@yahoogroups.com, QRP List <qrp-l@Lehigh.EDU>
Subject: [156335] Re: [GQRP] Angies Minature keys.
Message-ID: <20030815150028.U14148-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

FYI The instrument in question is a 35D Apparatus Test Set, Which was used
in Telephone Central Offices around the world to test and adjust the wire
spring and flat spring mechanical relays. It countinued in use unlit the
late 60's when most of the old Stepby step offices were replaced by The
Conputerized Equipment.

I had a couple of the Test Sets, but now only have two of the keys which I do not wish to sell. The Keys were marked with a single numeral, 1,2,3,4.

Operate, Release, Soak, Test. NOt necessiarily in that order. There were two sets of resistance coils and sliders for each key, they were adjusted to set the various crrent values during the test and/or adjustments.

I wish I could locae the old WE Stockpile of the 6B telegraph keys (Replacements) Not sure why they listed replacements in the catalogs of old, I have never seen one that was worn out :^)

I have a Bell System Manual in my archives somewhere, but it woul be impossiable to get to it right now :^}

Hope this helps, The Model you mentioned may be a version made for use in U.K. I would sure like to see some photos of the whole unit.

If I come across another 35 type test set again, I will surely keep it.

IBTW the extra keys went to good friends, FOG Nothing too good for Friends Of George... :^

QRPp Dx Tu (C) 2002

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -

QRP A.R.C.I. Board of Directors & QQ Back Issues Sales and Services
    Yes, We take "PayPal" to "George Gingell" <K3TKS@abs.net>

Gingell & Company, Ltd.
Locksmith & Handyman Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117

On Sun, 27 Jul 2003, Richard P wrote:

> Hi Angie,
> Your keys are from a WW2 Telephone set "D" Mk V. I have attached two photos
> to help you

> identify your keys keys. There is a description in Tom Perera's " Telegraph
> collectors guide"
> page 58. He states " Actually the tiny keys such as this one were used in
> military field telephone sets.
> which sell for less than the keys." As you can see,my key is still firmly
> fixed to the telephone set.
>
>   Best 72/73/88
>
> Richard G0ILN
>
> Fists
> G-QRP
> RSGB
> Megs
>
>
> [Non-text portions of this message have been removed]
>
>
> === Via the mailing list of the GQRP Club www.gqrp.com ===
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

Date: Fri, 15 Aug 2003 12:18:37 -0700
From: "Timothy-Allen Albertson-KG6IRH" <kg6irh@pacbell.net>
To: <jsielke@pobox.com>
Cc: <qrp-l@Lehigh.EDU>
Subject: [156336] Re: Major Solar Flare NOT!
Message-ID: <004b01c36362$0c3bdb20$bfe57d42@computer>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The real life Homer Simpson.
----- Original Message -----
From: "John Sielke" <jsielke@pobox.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, August 15, 2003 10:36 AM
Subject: Re: Major Solar Flare NOT!

> 1. NOT a Solar Flare
>
> 2. Not Lightning
>
> SO, Must be UFOs!
>
> John W2AGN

Date: Fri, 15 Aug 2003 15:51:40 -0400
From: "Al AE2T" <ae2t@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156337] Re: It's all BPL's Fault!
Message-ID: <3F3D018C.12490.3F9E51D@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 15 Aug 2003 at 7:41, Bill Owens wrote:

> On Thu, Aug 14, 2003 at 05:57:25PM -0700, Trevor Jacobs wrote:
> > See, this is what happens! They tried to implement BPL in the NE today
> > and ended up taking out the Grid!!! ;-)
>
> Just watch, the power companies will start claiming that if they'd had
> BPL deployed it would have increased their ability to monitor the load,
> prevent outages and restore power more quickly. And want to bet that it
> will be part of their "modernization" plans for the grid?
>
> BTW, the data network that I'm responsible for, stretching from Buffalo
> to NYC, stayed up throughout the failure. . .
>
> Bill N2RKL

Kind of related, but not quite, I recently lost my phone service. No dial-tone, nothing on the line.

Turned out to be my drop from the pole to the house was bad - broken somewhere inside the line, enough to quit working, yet still intact enough to look good and still hang in the air.

Yet, how did I request service from the phone company, if my phone didn't work? Cell phone? Neighbor's phone? Nope. I filed a report form online using my DSL service. It kept right on working even though the POTS was out. Go figure.

>From what I understand, there are similarities between ADSL and BPL/PLS. I wonder if during power failures we'll still be able to send email from our laptops over BPL? We may find the noise level no longer goes quiet even during a power failure, then.

BTW, we lost power for about 4 hours yesterday. Only a minor inconvenience. Not even enough to get the generator out for. I did fire up an AC inverter off one of my QRP gel cells to run a TV and see the news. It worked surprisingly well, despite having to connect the antenna because the cable system was also down. Guess cable internet would be down if power goes out. I didn't check the DSL - I would have had to put the modem on the inverter - to see if they were still up, although the phones kept on working.

It was actually nice; sitting on the front porch to keep cool, chatting with the neighbors and enjoying the quiet. I almost wish it lasted a bit longer.

I'm about 20 miles from Niagara Falls and it was a beautiful, sunny day with hardly a cloud in the sky. No sign of lightning here! About a one mile drive down the road, and through three intersections with police directing traffic, and there was power. Went to the grocery store, gas station, etc. and everything was like normal except for the run on ice, water and batteries ;-)

Didn't even have time to get on the air and see if the noise level was noticeably quieter...

-- Al
AE2T

Date: Fri, 15 Aug 2003 15:51:40 -0400
From: "Al AE2T" <ae2t@arrl.net>
To: qrp-l@lehigh.edu
Subject: [156338] BPL- Article in PC World
Message-ID: <3F3D018C.7362.3F9E6B3@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Saw the following in PC World's letters section.

This is another thing we are up against: the rosy picture the

technology press paints about anything new to do with computers, broadband, the internet, etc. They're usually cheerleaders for the manufacturers, unless we (consumers) point out the shortcomings, like the writer did in this letter.

Incidentally, Mr. Chester is K4KYU.

Here's the article. You can read it at
http://www.pcworld.com/howto/article/0,aid,111634,00.asp
as well...

Tripped By Interference?
Steve Fox [Plugged In, July] describes the Federal Communications Commission's interest in broadband over power line to allow high-speed Internet over electricity lines. But BPL is likely to generate interference with radio communications using frequencies in the 1.7-to-80-MHz spectrum, used for police, fire, and military communications, among other things.

Such interference is a consequence of the laws of physics: Power lines' long stretches of elevated wires make effective antennas, while high-speed digital data streams generate radio noise.

Donald Chester, Woodlawn, Tennessee

==========

-- Al AE2T

Date: Fri, 15 Aug 2003 13:14:59 -0700 (PDT)
From: Tom Sevart <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156339] Re: Major Solar Flare NOT!
Message-ID: <20030815201459.96982.qmail@web9605.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- John Sielke <jsielke@pobox.com> wrote:
> 1. NOT a Solar Flare
>
> 2. Not Lightning
>

> SO, Must be UFOs!
>

Or a vast gummint conspiracy! Maybe they had to
divert power to HAARP to activate the chemtrails in
order to control the weather so the black helicopters
can fly and transmit mind control signals to the
population so that they'll think that BPL is a good
idea!

It must be true, I read it on the internet!

Well, you can't prove it didn't happen...

=====
Tom Sevart N2UHC
http://www.geocities.com/n2uhc

____
Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
http://sitebuilder.yahoo.com

Date: Fri, 15 Aug 2003 16:36:50 -0400
From: "Ron Polityka" <wb3aal@verizon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [156340] ILLW 2003 WB3AAL
Message-ID: <001901c3636c$f5735520$0200a8c0@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

 Look for the call WB3AAL during the ILLW event this weekend. We will be on the Lightship Chesapeake in MD, / USA-167. We should be on the air between 13:30 UTC and 15:00 UTC.

We will be on CW & SSB. Although the guidelines do not say anything about PSK-31, we will have a station on 20 & 40 meters.

Check out www.n3epa.org and click on Special Events for more details.

73,

Ron de WB3AAL
ARLHS #423
Keep The Flame !
wb3aal@verizon.net
www.n3epa.org/

US Lighthouse Society
      Chesapeake Chapter

Date: Fri, 15 Aug 2003 20:33:17 +0000
From: Larry Cahoon <lejek@erols.com>
To: "Chris Trask" <christrask@earthlink.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156341] Re: Major Solar Flare
Message-ID: <5.1.0.14.0.20030815203146.01f81f68@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>
>   Thank you. Not sure what to believe from these news sources, even if it
>is CBS.

I don't know about CBS but NBC felt it necessary to tell their audience
that the airplanes flying around in the sky were not connected to the grid
so they still had power.

73 de Larry.......WD3P
http://www.wd3p.net

Date: Fri, 15 Aug 2003 16:43:04 -0700
From: Jeremy Cowgar <jc@cowgar.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [156342] DDS/PIC Chip/SigGen
Message-ID: <3F3D7008.9030605@cowgar.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Anyone know of some simple transmitter circuits you can put on the

output end of the DDS/PIC projects? The 9850?

Jeremy
KB8LFA

Date: Fri, 15 Aug 2003 16:46:58 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [156343] Re: QRP Quarterly?
Message-ID: <3F3D46C2.90504@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Tnx to all who responded. I'll give it a few more days before digging further.

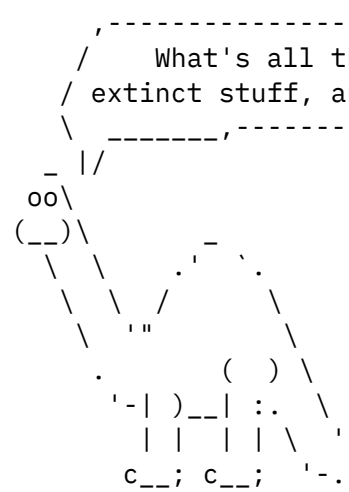
72 - Al

Date: Fri, 15 Aug 2003 13:51:39 -0700
From: "Chris Trask" <christrask@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156344] Shortages Other Than Electricity
Message-ID: <00a001c3636f$070e4040$ab044bab@default>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Not to diminish the power outage back east, but those of us who live in central Arizona are facing a different sort of shortage: gasoline. Late last week, one of three major pipelines just north of Tucson broke. This pipeline delivered about a third of the gasoline to the Phoenix area, as well as other communities where the fuels are delivered by truck from depots in the Phoenix area. Since last Friday, the price of all grades of gas has jumped by thirty cents or more and we are repidly approaching $2 a gallon for regular in some places. Premium and mid-grade gas began to run out early yesterday, and now regular is beginning to feel the pinch. Some gas stations are completely closed, primarily those that buy on the local spot market such as Costco, Safeway, and Albertsons.

They are telling us that it may be a couple of weeks or more before the pipeline is repaired and put back into service. Imagine this coupled with an electricity outage and possibly a water outage such as in the Cleveland area. Not comforting. Situations such as this can make emergency communications better appreciated.

Chris



High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: christrask@earthlink.net
http://www.home.earthlink.net/~christrask

Graphics by Loek Frederiks

Date: Fri, 15 Aug 2003 13:55:20 -0700
From: "Chris Trask" <christrask@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
"Larry Cahoon" <lejek@erols.com>
Subject: [156345] Re: Major Solar Flare
Message-ID: <00aa01c3636f$8b518100$ab044bab@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>
> > Thank you. Not sure what to believe from these news sources,
> > even if it is CBS.
>
> I don't know about CBS but NBC felt it necessary to tell their
> audience that the airplanes flying around in the sky were not
> connected to the grid so they still had power.

>

    As did most of the hospitals. Sounds like part of the script from "The
Day the Earth Stood Still".

    Klattu barrada niktu.

Chris

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: christrask@earthlink.net
http://www.home.earthlink.net/~christrask

Graphics by Loek Frederiks

Date: Fri, 15 Aug 2003 15:52:48 -0500
From: Joe Martin <km5cw@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [156346] SUSE cd's
Message-ID: <3F3D4820.90607@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

OK, I have two copies made up and ready to ship of the SUSE 8.2 PRO for
the first
2 folks that email me privately.
Good Luck
73 de KM5CW Joe

--
     Dallas-Stuck in the middle-Ft.Worth

Date: Fri, 15 Aug 2003 16:56:27 -0400
From: John Farnsworth <jfarnsworth@direcway.com>
To: "qrp-l@Lehigh. EDU" <qrp-l@Lehigh.EDU>
Subject: [156347] Re: [155905] Experimenters DDS Signal Gen (Parts order buddies sought)
   (kinda long)
Message-ID: <DIEHLGHLBGPNJENLGEBKKEIOCAAA.jfarnsworth@direcway.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

BOY! Must be a lot of you that bought the boards and CPU (I think I remember there were 50 kits?)

Anyway, the kits are complete for the first batch of 12 and two have shipped so far. If you haven't sent your check yet, please do.

ABOUT ANOTHER KIT: Since my last posting there have been enough people to contact me to warrant going out for another buy of parts :-)

I will be sending individual emails to those that contacted me and wanted to get in on another batch, to confirm you are still interested. Unfortunately, the price is going to have to go up to $35, postpaid, to cover the actual cost of parts, incoming freight and postage to you. If we were able to get more than 100 people, the price could come down a bunch, but many of the components are only used 1/per and the qty breaks are just not there. So you can probably get all the parts yourself for about the same amount; the difference is there are 35 individual line items from two vendors and it will save you a bunch of time to just send a check to me. Kitting the 12 original kits swallowed 2 days. Good thing I'm under-employed!

NOW: For those of you that missed the (numerous) earlier posts, this is a kit of parts for the DDS Generator, but does *NOT* include the following:

PCB's, CPU, AD9850, T37-6 Toroids, LCD Display, ERA-1 MMIC, or Rotary Encoder (get that from Diz, it's a bargain) Everything else on the parts list is included.

So if you are reading this for the first time, or have recently decided to build this great project, please send me an email at jfarnsworth@direcway.com and tell me you want in and will send me a check when I confirm the total count. I'll wait until next week, get a final count, order the parts and you should be getting your neato package in the mail early the following week.

To all of you that have bought this kit already, thank you very much. Your support has made it possible for the rest of the people to save a lot of time, which can be put to good use on the air enjoying our hobby.

Build On!

John KF6NMP

Date: Fri, 15 Aug 2003 17:37:14 -0400
From: Vin Santis <vsantis@earthlink.net>
To: "Tentec (E-mail)" <tentec@contesting.com>
Cc: "QRP List (E-mail)" <qrp-l@lehigh.edu>
Subject: [156348] U-Bolts
Message-ID: <01C36353.EEA60940.vsantis@earthlink.net>

Hi,

Anyone know where I can find stainless u-bolts?

TIA,

Vince Santis, N1VS
Winsted, CT
vsantis@earthlink.net

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.507 / Virus Database: 304 - Release Date: 8/4/03

Date: Fri, 15 Aug 2003 17:45:06 -0400
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU
Subject: [156349] Homebrewer magazine
Message-ID: <20030815.174511.9166.2.kc8aon@juno.com>

Just got issue No. 1 in the mail today, and I must say "I'M IMPRESSED !"
Good job guys ! Best darn ham radio magazine to grace my desk in a LONG

time !

Looking forward to more issues !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW 40+, Norcal Cascade, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500
QRP-L #2112, FPqrp #33, AR QRP
I'll give up CW when I'm dead !   MAYBE !

_____
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Date: Fri, 15 Aug 2003 18:03:47 -0400
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156350] Re: Homebrewer magazine
Message-ID: <001401c36379$1abfdcc0$8bba590c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nothing so far at the W2LJ residence :(

Hurry, I need a "Hombrew" fix! ;)

73 de Larry W2LJ

W2LJ@arrl.net
http://www.qsl.net/w2lj

ARRL Lifemember QRP ARCI #4488   NJQRP #47
FISTS #1469 QRP-L #778   FP #612 QRPp-I #759
ARS #1528 --- K1 #1647

Date: Fri, 15 Aug 2003 18:13:09 -0400

From: "Bob & Janet" <jbcraft@adelphia.net>
To: <vsantis@earthlink.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156351] RE: U-Bolts
Message-ID: <AGEJJBFLPLHMOECFDINOOEBFCOAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I found stainless U bolts at Home Depot. They do not have a large selection, but had the ones I needed.

Bob K8YS

Date: Fri, 15 Aug 2003 15:17:40 PDT
From: James R Giammanco <n5ib@juno.com>
To: qrp-l@Lehigh.edu
Subject: [156352] Re: DDS experimenter's kit
Message-ID: <20030815.171342.7535.0.n5ib@juno.com>

Got most of the parts in and have begun work on the CPU board. I think there are a couple of disagreements between different photos posted on the web pages - having to do with placement of male/female header connectors. Also a discrepancy on the silk screen label for the resistor network. Not fully positive of this, I need to double check later, both with and without the trifocals :^))

In any event, I plan to write up a set of annotated assembly instructions and illustrate them with a sequence of photos. I should have at least the CPU portion complete and posted by early next week at <http://www.qsl.net/n5ib> so if you haven't started yet and don't mind waiting you can let me make all the dumb mistakes for you and write up the warnings :^))

The DDS board will have to wait on the arrival ERA-SM1 chips and some 27 ohm resistors, not to mention the arrival of some courage to solder that DDS chip...

BTW - Trevor - can the CPU be powered up and tested without the DDS board connected?

This is gonna be a fun weekend... DDS kit to work on, and the postman just delivered an AADE LC meter kit (thanks, Marshall, for super quick

service!)

72,
Jim N5IB

_____
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Date: Fri, 15 Aug 2003 17:16:43 -0500
From: Joe Martin <km5cw@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [156353] SUSE 8.2 CD's update
Message-ID: <3F3D5BCB.1080106@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

This 2 sets of SUSE are spoken for. Let's keep em rolling
73 de KM5CW Joe

--
     Dallas-Stuck in the middle-Ft.Worth

End of QRP-L Digest 3013
****